DOCUMENT RESUME

ED 076 353 SE 015 479

AUTHOR	Duval, Suzanne M.
TITLE	American Science Manpower 1970. A Report of the National Register of Scientific and Technical Personnel.
INSTITUTION	National Science Foundation, Washington, D.C.
REPORT NO	NSF-71-45
PUB DATE	71
NOTE	266p.
AVAILABLE FROM	Superintendent of Documents, U.S. Government Printing Office, Washington, D.C. 20402 (Stock No. 3800-0111 $2.00)
EDRS PRICE	MF-$0.65 HC-$9.87
DESCRIPTORS	Library Materials; *Manpower Utilization; *Reference Materials; *Resource Materials; *Scientific Manpower; Surveys; *Technical Reports

ABSTRACT

This publication reports on the nation's scientific manpower as of 1970. The report is based on the 1970 National Register of Scientific and Technical Personnel conducted by the National Science Foundation in cooperation with other agencies. There are three parts in the report. A broad perspective of general characteristics, geographical distribution, economic status, employment status and type of employers is provided in Part I. Part II includes specific tables for some of the above-mentioned factors in addition to academic qualifications, level of professional experience and separate data for women. Part III includes appendices. Appendix A contains detailed tables. The technical information regarding survey methodology, coverage, concepts, and definitions, comparisons with data from other sources, and the longitudinal file are included in Appendix B. Appendices C and D provide information about the criteria for inclusion and type of questionnaires used respectively. (Author/PS)

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AMERICAN
SCIENCE
MANPOWER
1970

A Report of the
National Register
of Scientific and
Technical Personnel

ATIONAL SCIENCE FOUNDATION
NSF 71-45

SE 015 479

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FOREWORD

This report, which is a reference document providing data on the background and characteristics of 313,000 scientists, represents the end of an era in the national effort to develop a comprehensive manpower information system on scientists and engineers. With the 1970 registration, the National Register has been discontinued in its present form which had been used since 1954. However, the Foundation is currently undertaking the development of an alternative system for obtaining required manpower information which will supply many of the data elements previously obtained from the Register and which will be even more truly representative of the national scene. Every effort is being made to design the new system in such a way as to assure longitudinal matching with previous Register data and to keep to a minimum the period during which no new data will be available.

The National Science Foundation takes this occasion to acknowledge gratefully the extensive cooperation over the last two decades of the Nation's scientists who responded to the Register questionnaire, the participating scientific societies, and the North Carolina State University in maintaining the Register Records Center for the Foundation. NSF looks forward to continued cooperation and assistance from the scientific and engineering community in developing new approaches to manpower assessment. The National Register of Scientific and Technical Personnel is under the general supervision of Robert W. Cain, Head, Sponsored Surveys and Studies Section in the Division of Science Resources Studies.

Charles E. Falk
Director, Division of Science
Resources Studies

October 1971

ACKNOWLEDGMENTS

Milton Levine, Study Director, National Register of Scientific and Technical Personnel, assisted by J. James Brown, provided the planning and direction for the register activity. This report was prepared by Suzanne M. Duval. The National Register Records Center, managed by Barbara Byrd with the assistance of Sue Gardner, was responsible for the data processing activities carried out under the general supervision of Leroy Martin and Leo Buckmaster at North Carolina State University in Raleigh, N. C. The following organizations cooperated with the Foundation in carrying out the National Register in 1970: American Anthropological Association, American Chemical Society, American Economic Association, American Geological Institute, American Institute of Biological Sciences, American Institute of Physics, American Mathematical Society, American Meteorological Society, American Political Science Association, American Psychological Association, American Sociological Association, Center for Applied Linguistics, Federation of American Societies for Experimental Biology, and through these organizations, numerous other specialized societies.

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SUMMARY

About 313,000 scientists, of whom 9 percent were women, reported to the National Register in 1970. Three-fifths of these registrants were in the physical and mathematical sciences, one-fourth in the life sciences, and the remainder in the social sciences. The number of registrants was up 5 percent over the 298,000 registered in 1968.

Highest Degree

In 1970, doctorates were reported as the highest degree by 40 percent of the registrants, up from 37 percent in 1966 and 1968; the proportion with master's degrees increased from 27 percent in 1966 to 29 percent in 1968, and to 30 percent in 1970. Bachelor's degrees were reported by 27 percent, down from 30 percent in 1966 and 1968.

Type of Employer

Industry employed 31 percent of the scientists in the National Register in 1970, down from 32 percent in 1968 and 34 percent in 1966. The proportion of scientists employed in educational institutions increased from 36 percent in 1966 to 40 percent in 1968, and to 42 percent in 1970. The proportion in Federal Government has remained constant at 10 percent over this period.

Universities and Colleges

Of the registrants employed in universities and colleges, the proportion holding doctorates decreased from 62 percent in 1966 to 60 percent in 1968 and increased to 64 percent in 1970. The proportion with master's degrees rose from 23 percent in 1966 to 25 percent in 1968 and 1970. The proportion with bachelor's degrees decreased from 10 percent in 1966 and 1968 to 8 percent in 1970.

Primary Work Activity

The proportion of all registrants in research and development decreased from 33 percent in 1966 to 32 percent in 1968 to 31 percent in 1970; the proportion primarily engaged in teaching increased from 18 percent in 1966 to 21 percent in 1968 to 23 percent in 1970; and the proportion in management or administration increased from 20 percent in 1966 to 21 percent in 1968 to 22 percent in 1970. Of scientists employed in universities and colleges, the proportion engaged in teaching as either a primary or secondary work activity rose from 71 percent in 1966 to 73 percent in 1968 to 75 percent in 1970.

Years of Professional Experience

Scientists' median number of years of professional experience increased from 12 years in 1966 and 1968 to 14 years in 1970; the proportion of registrants with less than 5 years experience decreased from 20 percent in 1966 to 19 percent in 1968 to 18 percent in 1970.

Age

The median age of registrants increased from 38 in 1966 and 1968 to 39 in 1970; 19 percent of the scientists were in their twenties, down from 20 percent in 1966 and 21 percent in 1968.

Women Scientists

The gap between median salaries of men and women scientists narrowed slightly between 1968 and 1970. In 1968, women scientists' median salary was 74 percent of the median for men scientists; by 1970 women's salaries were 76 percent of men's. The salary differential between men and women was generally greater in the physical, life, and mathematical sciences than in the social sciences.

Geographic Location

Eight States contained one-half of the total registrants. California and New York each had well over 32,000 registrants. Six other States each had more than 12,000 registrants—Pennsylvania, Illinois, Texas, New Jersey, Ohio, and Massachusetts.

Salaries

The median salary of full-time employed civilian scientists rose 14 percent from $13,200 in 1968 to $15,000 in 1970. Median salaries higher than $15,000 were reported in the fields of statistics, $16,900; computer science, $16,500; economics, $16,300; physics, $15,900; chemistry, $15,300; and atmospheric and space sciences, $15,200; also, for employment in industry, $16,700; nonprofit organizations, $16,400; and Federal Government, $16,100. The median salary of university and college teachers was $16,000 on a calendar-year basis and $12,500 on an academic-year basis. In 1970, median salaries higher than the national average were reported by scientists in Alaska, California, Delaware, District of Columbia, Maryland, Massachusetts, New Jersey, New Mexico, and New York.

Federal Support

The Federal Government provided funds for at least some of the work of 123,700 scientists, or 40 percent of the total 1970 registrants, including 38,400 Federal civilian and military employees. This proportion is down from 43 percent receiving such support in 1966 and 1968.

INTRODUCTION

This report, based on the 1970 National Register of Scientific and Technical Personnel, contains data on the supply, utilization, and characteristics of the Nation's scientific manpower resources. The 1970 registration was the eighth in a series conducted by the National Science Foundation (NSF), in cooperation with the major scientific societies, to collect and make available timely information on highly qualified personnel in science fields. Earlier studies of a similar nature were conducted in 1954, 1956-58, 1960, 1962, 1964, 1966, and 1968.

Since 1953 NSF has maintained the National Register by contract with cooperating scientific societies. Within this framework, NSF developed uniform standards and procedures and reported findings across discipline lines; the societies undertook to identify and locate qualified scientists, including in mail lists for Register purposes both society members and nonmembers, to ensure the most complete coverage possible.

The National Register has been a major source of data for studies relating to the development of national science policy, and provided information to the Congress, agencies of the executive branch, State governments, private industry, and institutions of higher education. The numerous uses of data from the National Register included appraising the employment patterns of scientists and engineers, investigating the relation of training to employment, and estimating the adequacy of the supply of specialists in relation to contemplated hiring programs, among others.

This report presents National Register data in three parts: a broad perspective in the charts in part I; more specific, although selective, tables in part II; and detailed tabulations in appendix A. The technical notes in appendix B contain information on the survey methodology, coverage, concepts, and definitions, comparisons with data from other sources, and the longitudinal file. Appendix C presents the criteria for inclusion in the 1970 National Register. The questionnaire and specialties list used in 1970 are reproduced in appendix D.

SUBJECT MATTER GUIDE

	NUMBER OF SCIENTISTS Page	SALARY OF SCIENTISTS Page
ACADEMIC RANK, *see* UNIVERSITY AND COLLEGE TEACHERS, Academic rank		
ACADEMIC YEAR SALARY BASE, *see* SALARY BASE FOR UNIVERSITY AND COLLEGE TEACHERS		
AGE		29
Highest degree	14, 16, 18	
Scientific field:		
Highest degree	40	
Primary work activity	76	
Type of employer	54	89
Subfield	208	227
Type of employer	20, 23, 25, 27	
CALENDAR YEAR SALARY BASE, *see* SALARY BASE FOR UNIVERSITY AND COLLEGE TEACHERS		
EMPLOYMENT STATUS:		
Highest degree	13, 15, 17	
Scientific field	43	
Student status	241	
Highest degree	241	
FEDERAL SUPPORT:		
Government program:		
Highest degree	31	
Scientific field:		
Highest degree	158	
Primary work activity	168	
Type of employer	162	
Years of professional experience	176	
State	156	
Scientific field	31	
Type of employer	31	
FOREIGN LANGUAGE KNOWLEDGE:		
Scientific field	234	
GENERAL CHARACTERISTICS OF U.S. SCIENTISTS	39	
GOVERNMENT PROGRAM, *see* FEDERAL SUPPORT, Government program		
HIGHEST DEGREE:		
Age	14, 16, 18	
Employment status	13, 15, 17	
Student status	241	
Federal support and Government program	31	
Major subject and scientific field	82	
Primary work activity	14, 16, 18	

	NUMBER OF SCIENTISTS Page	SALARY OF SCIENTISTS Page
HIGHEST DEGREE—Continued		
Secondary work activity at universities and colleges	182	
Scientific field	13, 15, 17	28
Age	40	
Employment status	43	
Government program	158	
Major subject of highest degree	82	
Primary work activity	47	86
Type of employer	61, 65, 69	95, 98, 101
Type of employer	45	84
University and college teachers, by academic rank	189	
Women	32, 38	239
Years of professional experience	51	107
Standard Metropolitan Statistical Area	130	146
State	113	119
Subfield	195	214
Type of employer	199, 201, 203	218, 220, 222
Type of employer	13, 15, 17	
Universities and colleges, primary and secondary work activity	182	
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Years of professional experience	14, 16, 18	
MAJOR SUBJECT OF HIGHEST DEGREE:		
Scientific field	82	
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PRIMARY WORK ACTIVITY (*see also* SECONDARY WORK ACTIVITY)		29
Highest degree	14, 16, 18	
Secondary work activity at universities and colleges	182	
Scientific field:		
Age	76	
Federal support and Government program	168	
Highest degree	47	86
Type of employer	61, 65, 69	95, 98, 101
Secondary work activity at universities and colleges	184	
Type of employer	57	92
Women	239	246
Years of professional experience	79	
Secondary work activity and highest degree at universities and colleges	182	
Secondary work activity and scientific field at universities and colleges	184	
Standard Metropolitan Statistical Area	136	152
State	115	121
Subfield	205	224
Type of employer	19, 22, 24, 26	

	NUMBER OF SCIENTISTS Page	SALARY OF SCIENTISTS Page
PRIMARY WORK ACTIVITY—Continued		
Women	33	
Years of professional experience and scientific field	79	
SALARY BASE FOR UNIVERSITY AND COLLEGE TEACHERS:		
Scientific field and academic rank		191
SCIENTIFIC FIELD		39
Age:		
Highest degree	40	
Primary work activity	76	
Type of employer	54	89
Employment status and highest degree	43	
Federal support	31	
Government program:		
Highest degree	158	
Primary work activity	168	
Type of employer	162	
Years of professional experience	176	
Foreign language knowledge	234	
Highest degree, *see* HIGHEST DEGREE, Scientific field		
Major subject of highest degree	82	
Primary work activity, *see* PRIMARY WORK ACTIVITY, Scientific field		
Salary base and academic rank for university and college teachers		191
Secondary work activity and primary work activity at universities and colleges	184	
Sex	238	238
Standard Metropolitan Statistical Area	124	140
State	111	116
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Type of employer, *see* TYPE OF EMPLOYER, Scientific field		
Universities and colleges, primary and secondary work activity	184	
University and college teachers:		
Highest degree and academic rank	189	
Salary base and academic rank		191
State	192	
Women	32	33
Highest degree	32, 238	239
Primary work activity	239	240
Type of employer	238	240
Years of professional experience	239	240
Years of professional experience:		
Federal support and Government program	176	
Highest degree	51	107
Primary work activity	79	
Type of employer	73	104

	NUMBER OF SCIENTISTS Page	SALARY OF SCIENTISTS Page
SECONDARY WORK ACTIVITY (*see also* PRIMARY WORK ACTIVITY):		
Highest degree and primary work activity at universities and colleges	182	
Scientific field and primary work activity at universities and colleges	184	
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STATE	30	30
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Scientific field	111	116
University and college teachers	192	
Type of employer	114	120
University and college teachers, by academic rank	194	
STUDENT STATUS:		
Employment status	241	
Highest degree	241	
SUBFIELD:		
Age	208	227
Highest degree	195	214
Type of employer	199, 201, 203	218, 220, 222
Primary work activity	205	224
Type of employer	197	216
Years of professional experience	211	231
TYPE OF EMPLOYER		28
Age	20, 23, 25, 27	
Federal support	31	
Government program and scientific field	162	
Highest degree	13, 15, 17	
Primary work activity	19, 22, 24, 26	
Scientific field	19, 22, 24, 26	
Age	54	89
Federal support and Government program	162	
Highest degree	45	84
Primary work activity	61, 65, 69	95, 98, 101
Primary work activity	57	92
Women	238	240
Years of professional experience	73	104
Standard Metropolitan Statistical Area	133	149
State	114	120
Subfield	197	216
Highest degree	199, 201, 203	218, 220, 222
Women	32	
Years of professional experience	20, 23, 25, 27	

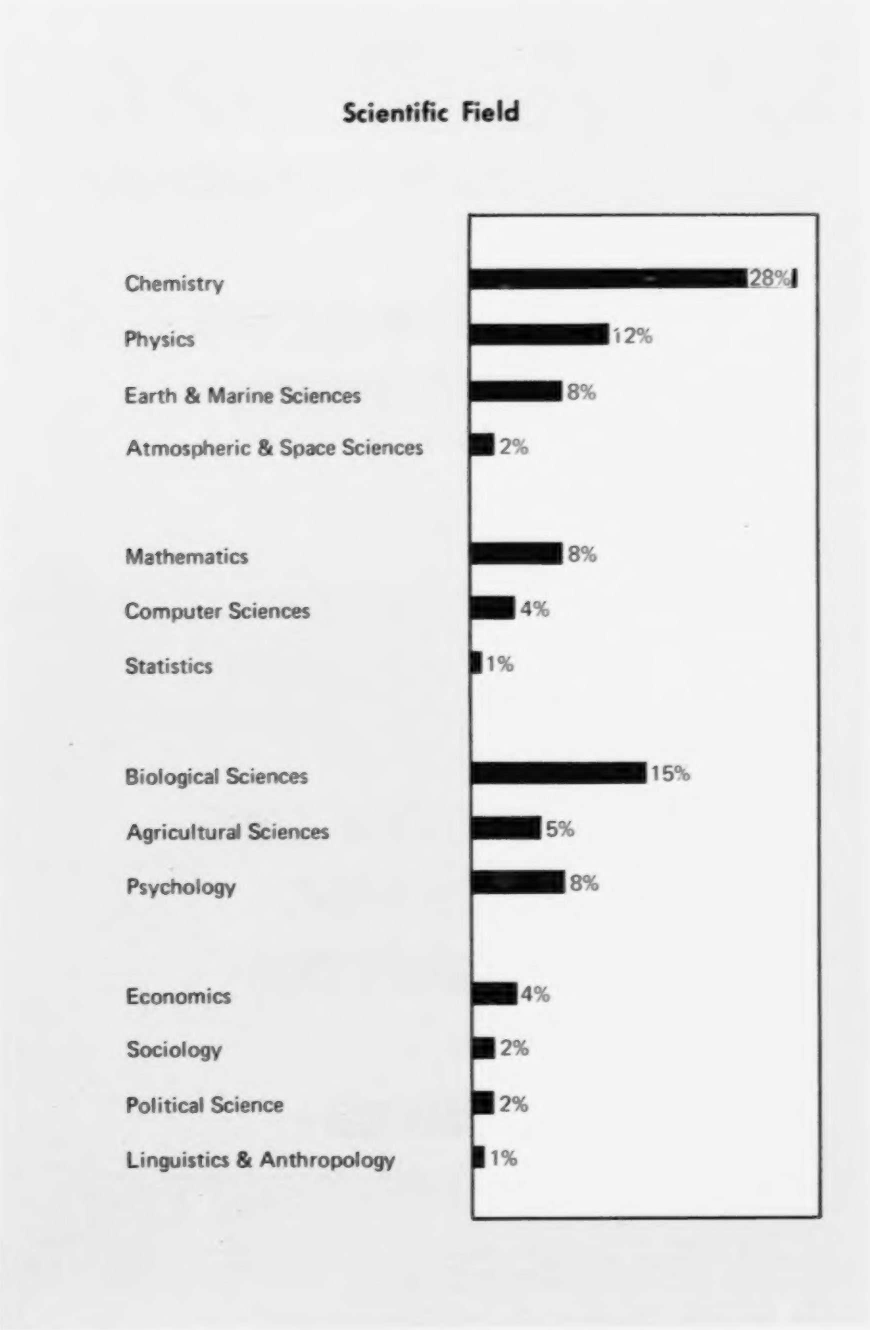
	NUMBER OF SCIENTISTS Page	SALARY OF SCIENTISTS Page
UNIVERSITY AND COLLEGE TEACHERS:		
Academic rank:		
Highest degree	21	
Scientific field	189	
Salary base and scientific field		191
State	194	
State and scientific field	192	
WOMEN SCIENTISTS:		
Primary work activity	33	
Scientific field	32, 238	33, 238
Highest degree	32, 238	239
Primary work activity	239	240
Type of employer	238	240
Years of professional experience	239	240
Type of employer	32	
Years of professional experience	33	
WORK ACTIVITY, *see* PRIMARY WORK ACTIVITY *and* SECONDARY WORK ACTIVITY		
YEARS OF PROFESSIONAL EXPERIENCE		29
Highest degree	14, 16, 18	
Scientific field:		
Federal support and Government program	176	
Highest degree	51	107
Primary work activity	79	
Type of employer	73	104
Women	239	240
Subfield	211	231
Type of employer	20, 23, 25, 27	
Women	33	

PART I. GRAPHIC HIGHLIGHTS

NOTES

- Percent details shown in these charts may not add to totals because of rounding.
- Numerical basis for percentages was the total 312,644 scientists in the National Register of Scientific and Technical Personnel, 1970.

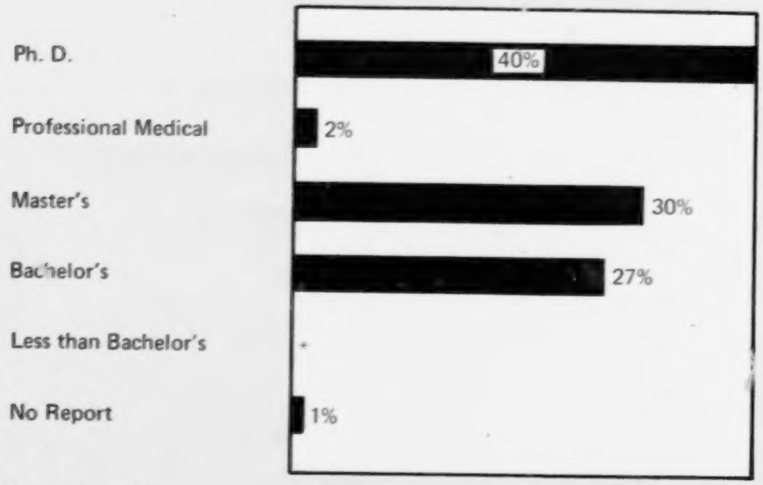
DISTRIBUTION OF SCIENTISTS BY GENERAL CHARACTERISTICS



Source: National Register of Scientific and Technical Personnel, 1970.

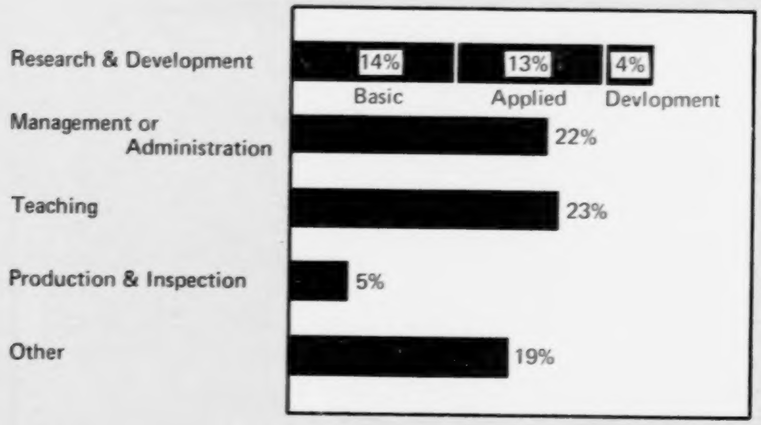
GENERAL CHARACTERISTICS—Con.

Highest Degree

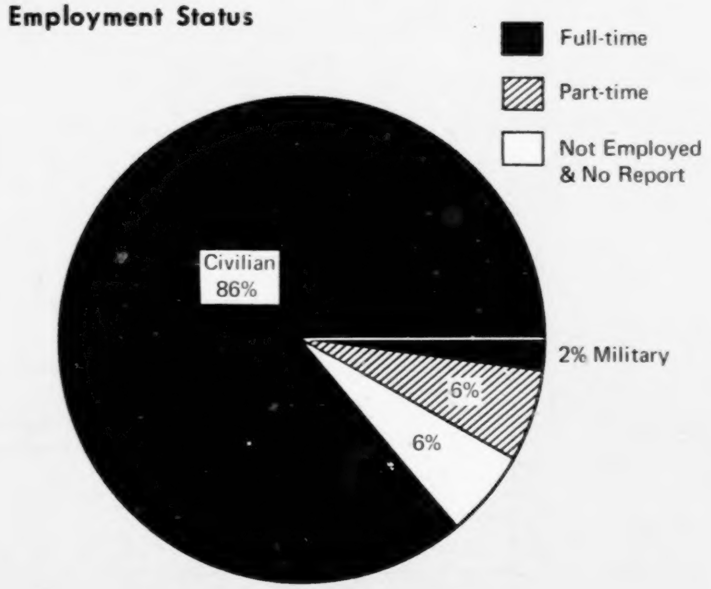


*Less than 0.5%

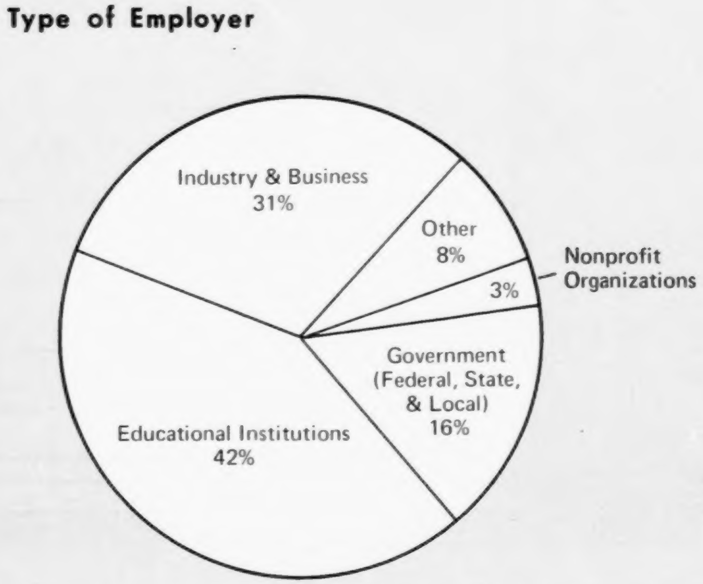
Primary Work Activity



Source: National Register of Scientific and Technical Personnel, 1970.



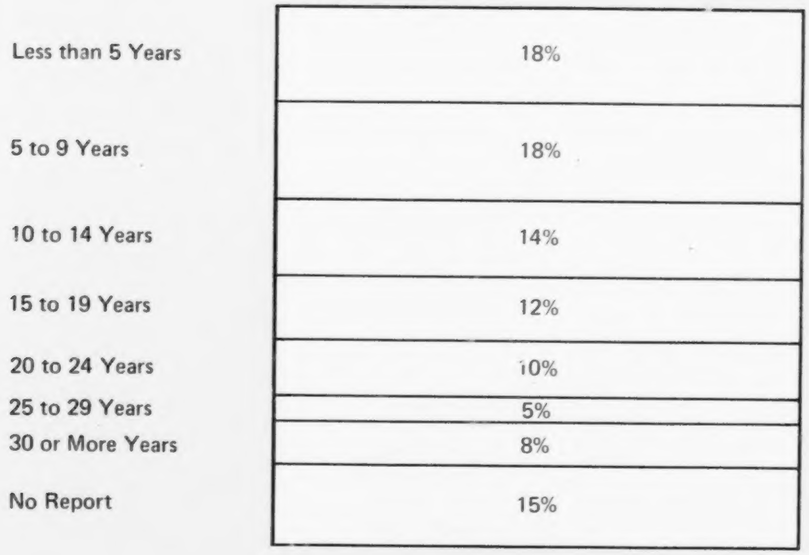
Employment Status



Type of Employer

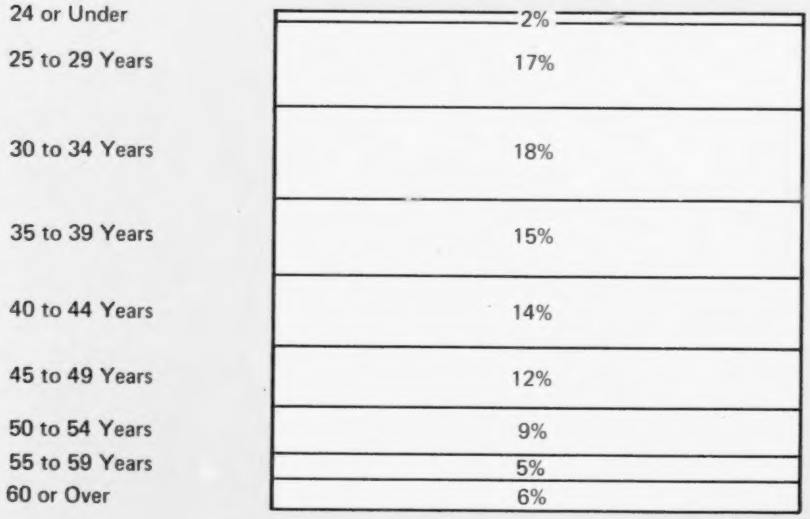
Source: National Register of Scientific and Technical Personnel, 1970.

GENERAL CHARACTERISTICS—Con.



Years of Professional Experience

(Median, 14 Years)

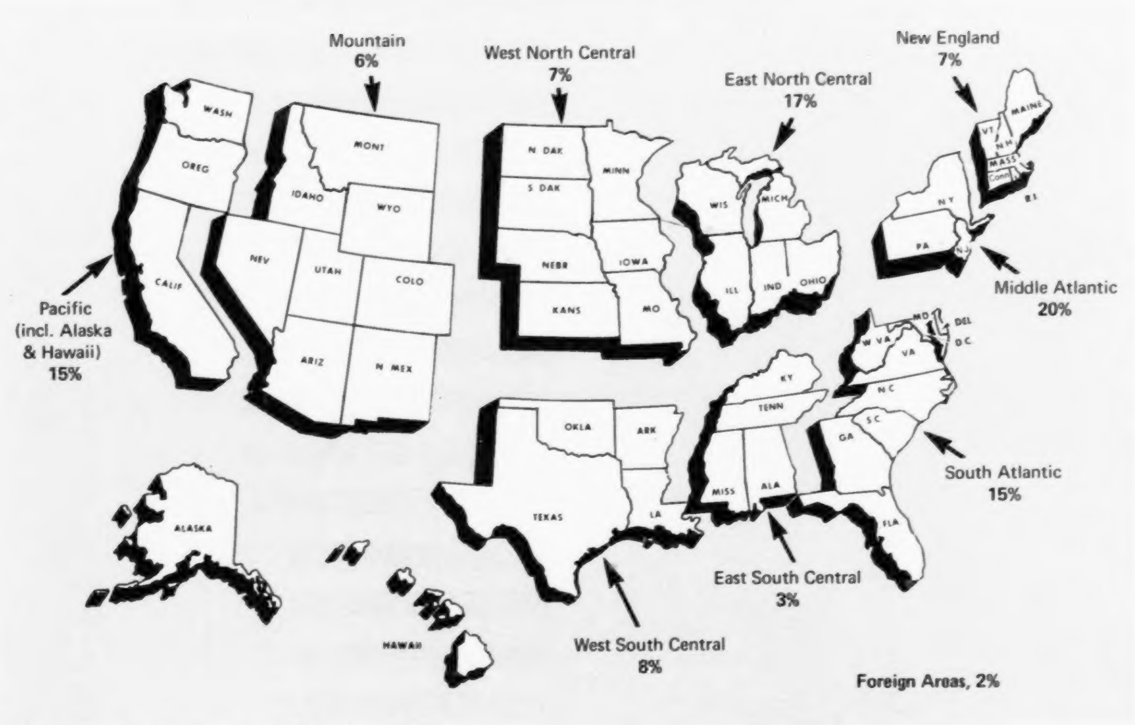


Age

(Median Age 39)

Source: National Register of Scientific and Technical Personnel, 1970.

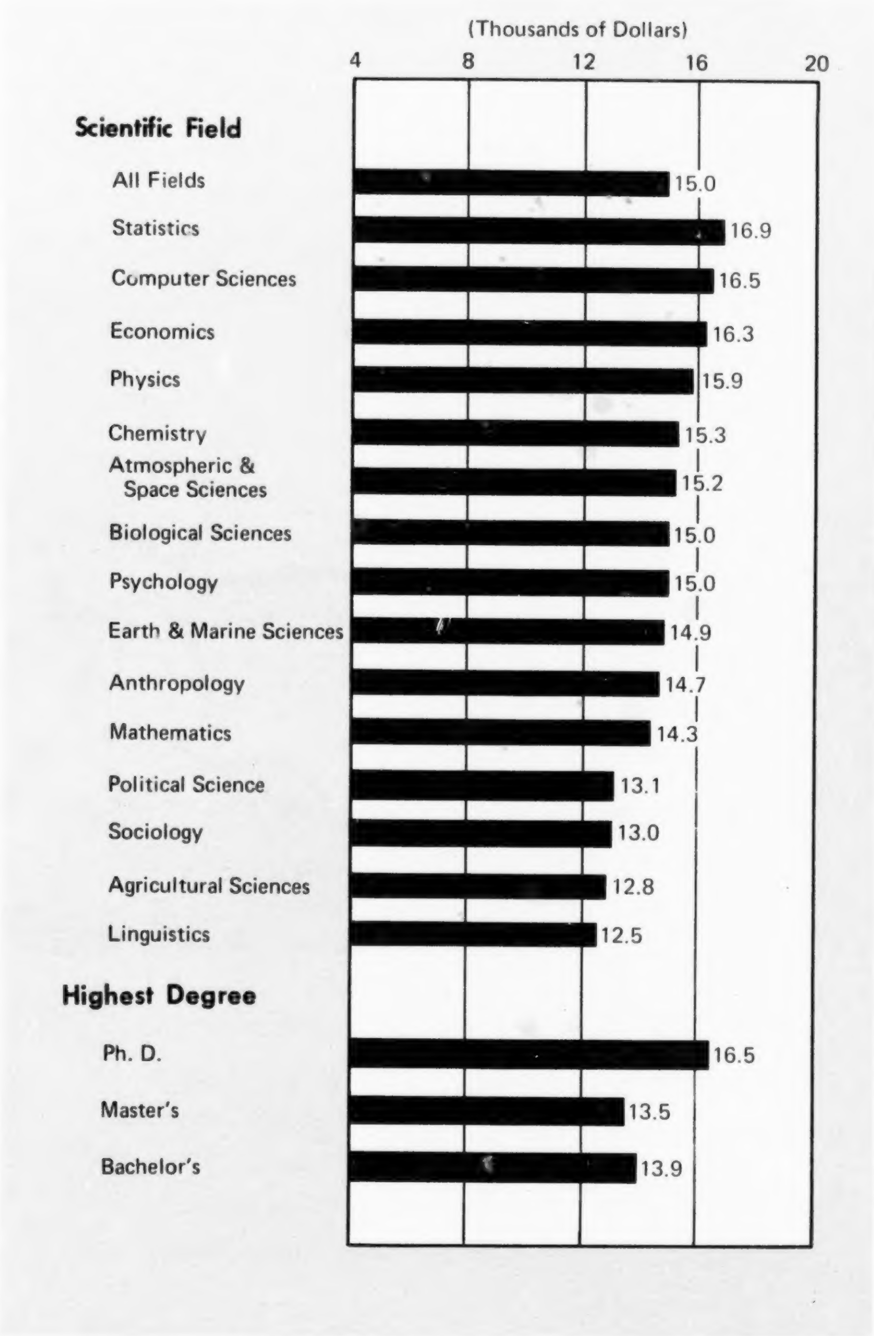
Geographic Distribution


Mountain
6%
West North Central
7%
East North Central
17%
New England
7%
Middle Atlantic
20%
Pacific
(incl. Alaska
& Hawaii)
15%
South Atlantic
15%
East South Central
3%
West South Central
8%
Foreign Areas, 2%
WASH
OREG
CALIF
MONT
IDAHO
WYO
NEV
UTAH
COLO
ARIZ
N MEX
N DAK
S DAK
MINN
NEBR
IOWA
KANS
MO
WIS
MICH
ILL
IND
OHIO
NY
PA
NJ
VT
NH
MAINE
MASS
Conn
RI
MD
DEL
DC
W VA
VA
KY
TENN
NC
SC
GA
ALA
MISS
FLA
OKLA
ARK
TEXAS
LA
ALASKA
HAWAII

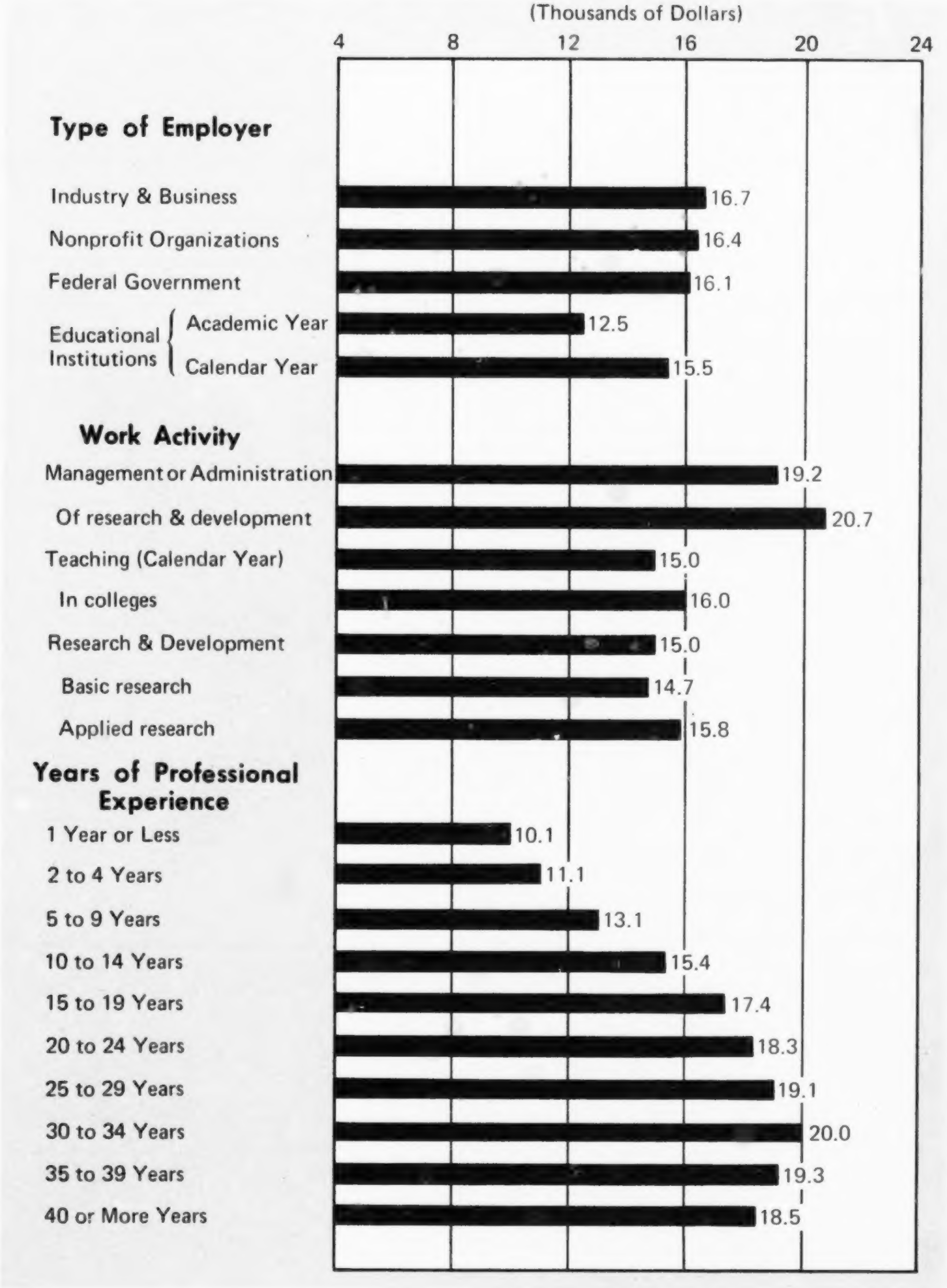
Source: National Register of Scientific and Technical Personnel, 1970

MEDIAN ANNUAL SALARIES

Full-Time Employed Civilian Scientists



Source: National Register of Scientific and Technical Personnel, 1970.

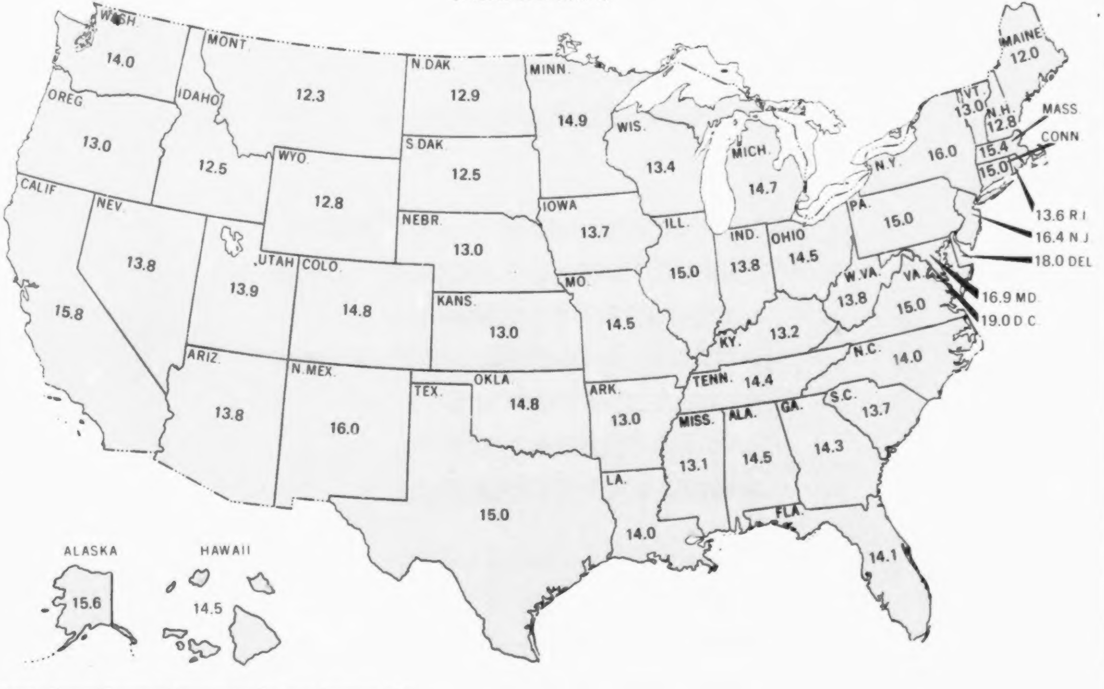


Source: National Register of Scientific and Technical Personnel, 1970.

MEDIAN ANNUAL SALARIES—Con.

By State

(Thousands of Dollars)


WASH. 14.0
MONT. 12.3
N. DAK. 12.9
MINN. 14.9
OREG. 13.0
IDAHO 12.5
WYO. 12.8
S DAK. 12.5
WIS. 13.4
MICH. 14.7
CALIF 15.8
NEV. 13.8
UTAH 13.9
COLO. 14.8
NEBR. 13.0
IOWA 13.7
ILL. 15.0
IND. 13.8
OHIO 14.5
PA. 15.0
N.Y. 16.0
MAINE 12.0
VT. 13.0
N.H. 12.8
MASS. 15.4
CONN. 15.0
13.6 R.I.
16.4 N.J.
18.0 DEL.
16.9 MD.
19.0 D.C.
W.VA. 13.8
VA. 15.0
KANS. 13.0
MO. 14.5
KY. 13.2
ARIZ. 13.8
N.MEX. 16.0
TEX. 15.0
OKLA. 14.8
ARK. 13.0
TENN. 14.4
N.C. 14.0
S.C. 13.7
MISS. 13.1
ALA. 14.5
GA. 14.3
LA. 14.0
FLA. 14.1
ALASKA 15.6
HAWAII 14.5

Source: National Register of Scientific and Technical Personnel, 1970.

PART II. MAJOR CHARACTERISTICS

NOTES AND DEFINITIONS

- Percent details may not add to totals because of rounding.
- "Not employed" includes retired persons, housewives, students, and others who were either not employed and not seeking employment, or unemployed and seeking employment.
- "Physical and mathematical sciences" include chemistry, earth and marine sciences, atmospheric and space sciences, physics, mathematics, computer sciences, and statistics.
- "Life sciences" include agricultural sciences, biological sciences, and psychology.
- "Social sciences" include economics, sociology, political science, anthropology, and linguistics.
- For additional definitions see technical notes.

DOCTORATE HOLDERS

FIELD	TOTAL REGISTRANTS	PH.D. DEGREE HOLDERS		
		NUMBER	PERCENT OF TOTAL	PERCENT
ALL FIELDS	312,644	125,236	40	100
CHEMISTRY	86,080	29,865	34	24
EARTH & MARINE SCIENCES	23,756	5,555	23	4
ATMOSPHERIC & SPACE SCIENCES	6,637	693	10	---
PHYSICS	36,336	16,631	46	13
MATHEMATICS	24,400	8,033	33	6
COMPUTER SCIENCES	11,326	1,010	9	1
AGRICULTURAL SCIENCES	15,730	2,966	19	2
BIOLOGICAL SCIENCES	47,693	24,336	51	19
PSYCHOLOGY	26,271	17,503	67	14
STATISTICS	2,953	1,157	39	1
ECONOMICS	13,386	7,225	54	6
SOCIOLOGY	7,650	3,690	48	3
POLITICAL SCIENCE	6,493	3,990	61	3
ANTHROPOLOGY	1,325	1,260	95	1
LINGUISTICS	1,902	1,136	60	1

SCIENTIFIC FIELD One-half of the doctorate scientists were in the physical and mathematical sciences, 36 percent were in the life sciences, and 14 percent were in the social sciences.

EMPLOYMENT STATUS	PH.D. DEGREE HOLDERS	
	NUMBER	PERCENT
ALL REGISTRANTS	125,236	100
FULL-TIME EMPLOYED	118,828	95
CIVILIAN	(117,864)	(94)
MILITARY	(964)	(1)
PART-TIME EMPLOYED	2,660	2
NOT EMPLOYED	2,640	2
NO REPORT	1,108	1

EMPLOYMENT STATUS Almost all doctorate holders were in full-time civilian employment.

TYPE OF EMPLOYER	TOTAL REGISTRANTS	PH.D. DEGREE HOLDERS		
		NUMBER	PERCENT OF TOTAL	PERCENT
ALL REGISTRANTS	312,644	125,236	40	100
EDUCATIONAL INSTITUTIONS	132,900	75,109	58	60
FEDERAL GOVERNMENT	31,110	9,119	29	7
OTHER GOVERNMENT	11,741	2,970	25	2
NONPROFIT ORGANIZATIONS	10,911	5,086	47	4
INDUSTRY AND BUSINESS	97,542	25,861	26	21
SELF-EMPLOYED	6,314	2,181	34	2
MILITARY	7,205	995	14	1
OTHER	2,116	753	35	---
NO REPORT	2,320	526	22	---

TYPE OF EMPLOYER Three-fifths of the doctorate holders were employed by educational institutions.

	PH.D. DEGREE HOLDERS	
PRIMARY WORK ACTIVITY	NUMBER	PERCENT
ALL ACTIVITIES	125,236	100
RESEARCH AND DEVELOPMENT	46,060	37
BASIC RESEARCH	(27,308)	(22)
APPLIED RESEARCH	(16,560)	(13)
MANAGEMENT OR ADMINISTRATION	23,590	19
MANAGEMENT OR ADMINISTRATION OF RESEARCH AND DEVELOPMENT	(13,961)	(11)
TEACHING	41,313	33
PRODUCTION AND INSPECTION	916	1
CONSULTING	5,610	4
EXPLORATION, FORECASTING, REPORTING	1,265	1
OTHER	1,326	1
NO REPORT	2,720	2

PRIMARY WORK ACTIVITY

Almost one-half (48 percent) of the doctorate holders were engaged primarily in some phase of research and development, including R&D management; one-third of the doctorates reported teaching as their primary work activity.

	PH.D. DEGREE HOLDERS	
YEARS OF PROFESSIONAL EXPERIENCE	NUMBER	PERCENT
ALL YEARS	125,236	100
1 OR LESS YEARS	4,052	3
2 TO 4 YEARS	16,009	13
5 TO 9 YEARS	23,361	19
10 TO 14 YEARS	18,333	15
15 TO 19 YEARS	15,929	13
20 TO 24 YEARS	12,395	10
25 TO 29 YEARS	6,460	5
30 TO 34 YEARS	5,553	4
35 TO 39 YEARS	3,155	2
40 OR MORE	3,049	2
NO REPORT	16,930	14

YEARS OF PROFESSIONAL EXPERIENCE

The proportion of new doctorate holders (less than 5 years of professional experience) was 16 percent.

		PH.D. DEGREE HOLDERS		
AGE	TOTAL REGISTRANTS	NUMBER	PERCENT OF TOTAL	PERCENT
ALL AGES	312,644	125,236	40	100
24 AND UNDER	6,785	39	--	---
25-29	52,679	11,198	21	9
30-34	57,477	24,880	43	20
35-39	47,318	22,159	47	18
40-44	44,613	20,508	46	16
45-49	39,051	17,142	44	14
50-54	27,450	11,866	43	9
55-59	18,464	7,896	43	6
60-64	10,879	5,188	48	4
65-69	4,737	2,670	56	2
70 AND OVER	2,263	1,348	60	1
NO REPORT	928	352	38	---

AGE

The percentage of scientists with the doctorate increased generally with age, from 31 percent of the group under 35 years old, to 60 percent of those age 70 and over.

MASTER'S DEGREE HOLDERS

FIELD	TOTAL REGISTRANTS	MASTER'S DEGREE HOLDERS		
		NUMBER	PERCENT OF TOTAL	PERCENT
ALL FIELDS	312,644	93,540	30	100
CHEMISTRY	86,980	19,178	22	20
EARTH & MARINE SCIENCES	23,756	8,006	34	9
ATMOSPHERIC & SPACE SCIENCES	6,637	1,882	28	2
PHYSICS	36,336	12,215	34	13
MATHEMATICS	24,400	11,975	49	13
COMPUTER SCIENCES	11,324	4,859	43	5
AGRICULTURAL SCIENCES	15,730	4,176	26	4
BIOLOGICAL SCIENCES	47,493	10,303	22	11
PSYCHOLOGY	26,271	8,433	32	9
STATISTICS	2,953	1,256	42	1
ECONOMICS	13,386	5,008	37	5
SOCIOLOGY	7,658	3,181	42	3
POLITICAL SCIENCE	6,493	2,447	38	3
ANTHROPOLOGY	1,325	36	3	---
LINGUISTICS	1,902	585	31	1

SCIENTIFIC FIELD Almost two-thirds, or 64 percent, of the master's degree holders were in the physical and mathematical sciences, 24 percent were in the life sciences, and 12 percent were in the social sciences.

EMPLOYMENT STATUS	MASTER'S DEGREE HOLDERS	
	NUMBER	PERCENT
ALL REGISTRANTS	93,540	100
FULL-TIME EMPLOYED	76,137	81
CIVILIAN	(73,557)	(79)
MILITARY	(2,580)	(3)
PART-TIME EMPLOYED	9,889	10
NOT EMPLOYED	5,859	6
NO REPORT	1,655	2

EMPLOYMENT STATUS Almost four-fifths of the scientists holding a master's degree were in full-time civilian employment.

TYPE OF EMPLOYER	TOTAL REGISTRANTS	MASTER'S DEGREE HOLDERS		
		NUMBER	PERCENT OF TOTAL	PERCENT
ALL REGISTRANTS	312,644	93,540	30	100
EDUCATIONAL INSTITUTIONS	130,389	38,341	29	41
FEDERAL GOVERNMENT	31,118	8,768	28	9
OTHER GOVERNMENT	11,741	4,047	34	4
NONPROFIT ORGANIZATIONS	10,911	2,994	27	3
INDUSTRY AND BUSINESS	97,542	27,786	28	30
SELF-EMPLOYED	6,314	1,481	23	2
MILITARY	7,285	2,642	36	3
OTHER	2,116	666	31	1
NO REPORT	2,320	956	41	1

TYPE OF EMPLOYER Two-fifths of the master's degree holders worked for educational institutions and one-third for industry and business.

MASTER'S DEGREE HOLDERS—Con.

PRIMARY WORK ACTIVITY	MASTER'S DEGREE HOLDERS	
	NUMBER	PERCENT
ALL ACTIVITIES	93,540	100
RESEARCH AND DEVELOPMENT	26,367	28
BASIC RESEARCH	(8,653)	(9)
APPLIED RESEARCH	(13,892)	(15)
MANAGEMENT OR ADMINISTRATION	18,735	20
MANAGEMENT OR ADMINISTRATION OF RESEARCH AND DEVELOPMENT	(7,559)	(8)
TEACHING	23,715	25
PRODUCTION AND INSPECTION	3,750	4
CONSULTING	4,700	5
EXPLORATION, FORECASTING, REPORTING	4,900	5
OTHER	2,975	3
NO REPORT	2,539	3

PRIMARY WORK ACTIVITY

Of the master's degree holders, 36 percent were engaged primarily in some phase of research and development, including R&D management; one-fourth reported teaching as their primary activity.

YEARS OF PROFESSIONAL EXPERIENCE	MASTER'S DEGREE HOLDERS	
	NUMBER	PERCENT
ALL YEARS	93,540	100
1 OR LESS YEARS	3,271	3
2 TO 4 YEARS	15,930	17
5 TO 9 YEARS	19,102	20
10 TO 14 YEARS	13,581	14
15 TO 19 YEARS	9,928	11
20 TO 24 YEARS	8,036	9
25 TO 29 YEARS	3,730	4
30 TO 34 YEARS	3,139	3
35 TO 39 YEARS	1,705	2
40 OR MORE	1,208	1
NO REPORT	13,912	15

YEARS OF PROFESSIONAL EXPERIENCE

One-fifth of the master's degree holders reported less than 5 years of professional experience.

AGE	TOTAL REGISTRANTS	MASTER'S DEGREE HOLDERS		
		NUMBER	PERCENT OF TOTAL	PERCENT
ALL AGES	312,644	93,540	30	100
24 AND UNDER	6,785	1,376	20	1
25-29	52,679	22,083	42	24
30-34	57,477	18,720	32	20
35-39	47,318	13,254	28	14
40-44	44,613	11,791	26	13
45-49	39,051	10,210	26	11
50-54	27,450	6,895	25	7
55-59	18,464	4,770	26	5
60-64	10,879	2,731	25	3
65-69	4,737	1,056	22	1
70 AND OVER	2,263	390	17	---
NO REPORT	928	264	28	---

AGE

More than two-fifths of the scientists holding the master's degree were less than 35 years old.

BACHELOR'S DEGREE HOLDERS

FIELD	TOTAL REGISTRANTS	BACHELOR'S DEGREE HOLDERS		
		NUMBER	PERCENT OF TOTAL	PERCENT
ALL FIELDS	312,644	83,740	27	100
CHEMISTRY	86,980	36,514	42	44
EARTH & MARINE SCIENCES	23,756	9,910	42	12
ATMOSPHERIC & SPACE SCIENCES	6,637	3,089	46	4
PHYSICS	36,336	7,392	20	9
MATHEMATICS	24,400	4,349	18	5
COMPUTER SCIENCES	11,324	5,434	48	6
AGRICULTURAL SCIENCES	15,730	8,520	54	10
BIOLOGICAL SCIENCES	47,493	5,719	12	7
PSYCHOLOGY	26,271	215	1	---
STATISTICS	2,953	532	18	1
ECONOMICS	13,386	1,082	8	1
SOCIOLOGY	7,658	758	10	1
POLITICAL SCIENCE	6,493	48	1	---
ANTHROPOLOGY	1,325	17	1	---
LINGUISTICS	1,902	161	8	---

SCIENTIFIC FIELD

Four-fifths of all bachelor's degree holders were in the physical and mathematical sciences, 17 percent were in the life sciences, and 3 percent were in the social sciences.

EMPLOYMENT STATUS	BACHELOR'S DEGREE HOLDERS	
	NUMBER	PERCENT
ALL REGISTRANTS	83,740	100
FULL-TIME EMPLOYED	72,698	87
CIVILIAN	(69,994)	(84)
MILITARY	(2,704)	(3)
PART-TIME EMPLOYED	5,418	6
NOT EMPLOYED	4,171	5
NO REPORT	1,453	2

EMPLOYMENT STATUS

Of scientists holding the bachelor's degree, 84 percent were in full-time civilian employment.

TYPE OF EMPLOYER	TOTAL REGISTRANTS	BACHELOR'S DEGREE HOLDERS		
		NUMBER	PERCENT OF TOTAL	PERCENT
ALL REGISTRANTS	312,644	83,740	27	100
EDUCATIONAL INSTITUTIONS	130,389	12,743	10	15
FEDERAL GOVERNMENT	31,118	12,321	40	15
OTHER GOVERNMENT	11,741	4,336	37	5
NONPROFIT ORGANIZATIONS	10,911	1,732	16	2
INDUSTRY AND BUSINESS	97,542	42,272	43	50
SELF-EMPLOYED	6,314	1,981	31	2
MILITARY	7,285	2,792	38	3
OTHER	2,116	643	30	1
NO REPORT	2,320	749	32	1

TYPE OF EMPLOYER

About two-fifths of the scientists employed by industry, Federal Government, and other government reported the bachelor's as highest degree. By comparison, 10 percent of the scientists employed in educational institutions held bachelor's as highest degree.

BACHELOR'S DEGREE HOLDERS—Con.

PRIMARY WORK ACTIVITY	BACHELOR'S DEGREE HOLDERS	
	NUMBER	PERCENT
ALL ACTIVITIES	83,740	100
RESEARCH AND DEVELOPMENT	21,542	26
BASIC RESEARCH	(6,900)	(8)
APPLIED RESEARCH	(8,730)	(10)
MANAGEMENT OR ADMINISTRATION	24,415	29
MANAGEMENT OR ADMINISTRATION OF RESEARCH AND DEVELOPMENT	(7,379)	(9)
TEACHING	6,112	7
PRODUCTION AND INSPECTION	11,057	13
CONSULTING	2,685	3
EXPLORATION, FORECASTING, REPORTING	7,688	9
OTHER	3,546	4
NO REPORT	2,524	3

PRIMARY WORK ACTIVITY

More than one-fourth of the bachelor's degree holders reported primary employment in management or administration, 13 percent in production and inspection, and 10 percent in applied research.

YEARS OF PROFESSIONAL EXPERIENCE	BACHELOR'S DEGREE HOLDERS	
	NUMBER	PERCENT
ALL YEARS	83,740	100
1 OR LESS YEARS	3,356	4
2 TO 4 YEARS	12,484	15
5 TO 9 YEARS	14,139	17
10 TO 14 YEARS	10,791	13
15 TO 19 YEARS	8,983	11
20 TO 24 YEARS	8,601	10
25 TO 29 YEARS	4,565	5
30 TO 34 YEARS	3,676	4
35 TO 39 YEARS	1,720	2
40 OR MORE	1,086	1
NO REPORT	14,339	17

YEARS OF PROFESSIONAL EXPERIENCE

Less than 5 years of professional experience were reported by 19 percent of the bachelor's degree holders.

AGE	TOTAL REGISTRANTS	BACHELOR'S DEGREE HOLDERS		
		NUMBER	PERCENT OF TOTAL	PERCENT
ALL AGES	312,644	83,740	27	100
24 AND UNDER	6,785	5,322	78	6
25-29	52,679	18,932	36	23
30-34	57,477	12,722	22	15
35-39	47,318	10,215	22	12
40-44	44,613	10,578	24	13
45-49	39,051	10,058	26	12
50-54	27,450	7,418	27	9
55-59	18,464	4,835	26	6
60-64	10,879	2,318	21	3
65-69	4,737	716	15	1
70 AND OVER	2,263	370	16	---
NO REPORT	928	256	28	---

AGE

More than two-fifths, or 44 percent, of the bachelor's degree holders were less than 35 years old; 19 percent were over 50.

EMPLOYED IN EDUCATIONAL INSTITUTIONS

FIELD	TOTAL REGISTRANTS	REGISTRANTS IN EDUCATIONAL INSTITUTIONS		
		NUMBER	PERCENT OF TOTAL	PERCENT
ALL FIELDS	312,644	130,389	42	100
CHEMISTRY	86,980	19,844	23	15
EARTH & MARINE SCIENCES	23,756	6,535	28	5
ATMOSPHERIC & SPACE SCIENCES	6,637	1,017	15	1
PHYSICS	36,336	18,085	50	14
MATHEMATICS	24,400	14,020	57	11
COMPUTER SCIENCES	11,324	1,603	14	1
AGRICULTURAL SCIENCES	15,730	3,563	23	3
BIOLOGICAL SCIENCES	47,493	28,778	60	22
PSYCHOLOGY	26,271	14,865	56	11
STATISTICS	2,953	1,075	36	1
ECONOMICS	13,386	7,845	59	6
SOCIOLOGY	7,658	5,674	74	4
POLITICAL SCIENCE	6,493	4,998	77	4
ANTHROPOLOGY	1,325	1,070	81	1
LINGUISTICS	1,902	1,417	74	1

SCIENTIFIC FIELD

Primary employment for about three-fourths of the registrants in sociology, political science, anthropology, and linguistics was in educational institutions; less than one-fourth of the registrants in chemistry, atmospheric and space sciences, computer sciences, and agricultural sciences were employed in educational institutions.

PRIMARY WORK ACTIVITY	REGISTRANTS IN EDUCATIONAL INSTITUTIONS	
	NUMBER	PERCENT
ALL ACTIVITIES	130,389	100
RESEARCH AND DEVELOPMENT	39,843	30
BASIC RESEARCH	(28,764)	(22)
APPLIED RESEARCH	(10,543)	(8)
MANAGEMENT OR ADMINISTRATION	11,938	9
MANAGEMENT OR ADMINISTRATION OF RESEARCH AND DEVELOPMENT	(3,997)	(3)
TEACHING	70,302	54
PRODUCTION AND INSPECTION	203	---
CONSULTING	2,672	2
EXPLORATION, FORECASTING, REPORTING	840	1
OTHER	1,755	1
NO REPORT	2,836	2

PRIMARY WORK ACTIVITY

More than one-half of the registrants in educational institutions were primarily engaged in teaching; 34 percent were primarily in research and development, including R&D management.

YEARS OF PROFESSIONAL EXPERIENCE	REGISTRANTS IN EDUCATIONAL INSTITUTIONS	
	NUMBER	PERCENT
ALL YEARS	130,389	100
1 OR LESS YEARS	5,489	4
2 TO 4 YEARS	23,248	18
5 TO 9 YEARS	27,312	21
10 TO 14 YEARS	18,272	14
15 TO 19 YEARS	13,156	10
20 TO 24 YEARS	10,664	8
25 TO 29 YEARS	5,124	4
30 TO 34 YEARS	4,471	3
35 TO 39 YEARS	2,656	2
40 OR MORE	2,260	2
NO REPORT	17,737	14

YEARS OF PROFESSIONAL EXPERIENCE

One-fifth, or 22 percent, of the scientists employed in educational institutions reported less than 5 years of professional experience; 19 percent reported 20 or more years of experience.

AGE	REGISTRANTS IN EDUCATIONAL INSTITUTIONS	
	NUMBER	PERCENT
ALL AGES	130,389	100
24 AND UNDER	3,113	2
25-29	24,024	18
30-34	26,106	20
35-39	20,626	16
40-44	17,469	13
45-49	14,479	11
50-54	9,969	8
55-59	6,933	5
60-64	4,582	4
65-69	2,134	2
70 AND OVER	559	---
NO REPORT	395	---

AGE

One-fifth, or 21 percent, of the scientists employed in educational institutions were under 30, and 19 percent were over 50 years old.

TEACHING IN UNIVERSITIES AND COLLEGES

ACADEMIC RANK	TOTAL REGISTRANTS	REGISTRANTS WITH			
		PH.D. DEGREE	PROFESSIONAL MEDICAL DEGREE	MASTER'S DEGREE	BACHELOR'S DEGREE
ALL RANKS	88,193	59,856	2,614	20,898	4,653
DEAN	376	312	13	48	3
PROFESSOR	22,538	20,220	1,075	1,107	49
ASSOCIATE PROFESSOR	18,739	15,639	665	2,305	105
ASSISTANT PROFESSOR	23,207	17,157	460	5,246	322
INSTRUCTOR	6,846	815	56	5,359	506
LECTURER	1,205	522	5	576	99
RESEARCH ASSOCIATE	772	551	11	133	74
RESEARCH ASSISTANT	5,065	204	11	2,698	2,129
OTHER	1,870	538	31	738	560
NO REPORT	7,575	3,898	287	2,688	666

HIGHEST DEGREE AND ACADEMIC RANK

One-fourth, or 26 percent, of the university and college teachers were full professors.

Note—These data are based on scientists employed in universities and colleges and reporting teaching as a primary or secondary work activity.

EMPLOYED IN INDUSTRY AND BUSINESS

FIELD	TOTAL REGISTRANTS	REGISTRANTS IN INDUSTRY AND BUSINESS		
		NUMBER	PERCENT OF TOTAL	PERCENT
ALL FIELDS	312,644	97,542	31	100
CHEMISTRY	86,980	50,890	58	52
EARTH & MARINE SCIENCES	23,756	9,973	42	10
ATMOSPHERIC & SPACE SCIENCES	6,637	768	12	1
PHYSICS	36,336	9,819	27	10
MATHEMATICS	24,400	6,364	26	6
COMPUTER SCIENCES	11,324	7,462	66	8
AGRICULTURAL SCIENCES	15,730	2,581	16	3
BIOLOGICAL SCIENCES	47,493	4,836	10	5
PSYCHOLOGY	26,271	1,943	7	2
STATISTICS	2,953	773	26	1
ECONOMICS	13,386	1,822	14	2
SOCIOLOGY	7,658	129	2	---
POLITICAL SCIENCE	6,493	117	2	---
ANTHROPOLOGY	1,325	11	1	---
LINGUISTICS	1,902	54	3	---

SCIENTIFIC FIELD

About two-thirds of the computer scientists were employed in industry and business; high proportions of industrial employment existed among chemists and earth and marine scientists.

PRIMARY WORK ACTIVITY	REGISTRANTS IN INDUSTRY AND BUSINESS	
	NUMBER	PERCENT
ALL ACTIVITIES	97,542	100
RESEARCH AND DEVELOPMENT	33,803	35
BASIC RESEARCH	(5,655)	(6)
APPLIED RESEARCH	(18,155)	(19)
MANAGEMENT OR ADMINISTRATION	33,321	34
MANAGEMENT OR ADMINISTRATION OF RESEARCH AND DEVELOPMENT	(16,779)	(17)
TEACHING	274	---
PRODUCTION AND INSPECTION	13,437	14
CONSULTING	4,258	4
EXPLORATION, FORECASTING, REPORTING	7,783	8
OTHER	2,796	3
NO REPORT	1,870	2

PRIMARY WORK ACTIVITY

About one-half, or 52 percent, of the registrants in industry and business were primarily engaged in research and development, including R&D management.

YEARS OF PROFESSIONAL EXPERIENCE	REGISTRANTS IN INDUSTRY AND BUSINESS	
	NUMBER	PERCENT
ALL YEARS	97,542	100
1 OR LESS YEARS	2,323	2
2 TO 4 YEARS	10,719	11
5 TO 9 YEARS	16,767	17
10 TO 14 YEARS	14,870	15
15 TO 19 YEARS	13,681	14
20 TO 24 YEARS	11,611	12
25 TO 29 YEARS	6,088	6
30 TO 34 YEARS	5,033	5
35 TO 39 YEARS	2,312	2
40 OR MORE	1,097	1
NO REPORT	13,041	13

YEARS OF PROFESSIONAL EXPERIENCE Of scientists employed in industry, 13 percent reported less than 5 years of experience.

AGE	REGISTRANTS IN INDUSTRY AND BUSINESS	
	NUMBER	PERCENT
ALL AGES	97,542	100
24 AND UNDER	1,464	2
25-29	13,388	14
30-34	17,489	18
35-39	14,961	15
40-44	15,938	16
45-49	14,275	15
50-54	9,831	10
55-59	6,225	6
60-64	2,977	3
65-69	583	---
70 AND OVER	216	---
NO REPORT	215	---

AGE Fifteen percent of the industrially employed scientists were less than 30 years old; one-fifth were over 50.

EMPLOYED IN THE FEDERAL GOVERNMENT

FIELD	TOTAL REGISTRANTS	REGISTRANTS IN THE FEDERAL GOVERNMENT		
		NUMBER	PERCENT OF TOTAL	PERCENT
ALL FIELDS	312,644	31,119	10	100
CHEMISTRY	86,980	5,029	6	16
EARTH & MARINE SCIENCES	23,756	3,046	13	10
ATMOSPHERIC & SPACE SCIENCES	6,637	2,053	31	6
PHYSICS	36,336	3,912	11	12
MATHEMATICS	24,400	1,243	5	4
COMPUTER SCIENCES	11,324	882	8	3
AGRICULTURAL SCIENCES	15,730	5,725	36	18
BIOLOGICAL SCIENCES	47,493	4,912	10	16
PSYCHOLOGY	26,271	1,549	6	5
STATISTICS	2,953	599	20	2
ECONOMICS	13,386	1,513	11	5
SOCIOLOGY	7,658	224	3	1
POLITICAL SCIENCE	6,493	349	5	1
ANTHROPOLOGY	1,325	29	2	---
LINGUISTICS	1,902	53	3	---

SCIENTIFIC FIELD

About one-third of the registrants in agricultural sciences and atmospheric and space sciences were employed in the Federal Government.

PRIMARY WORK ACTIVITY	REGISTRANTS IN THE FEDERAL GOVERNMENT	
	NUMBER	PERCENT
ALL ACTIVITIES	31,118	100
RESEARCH AND DEVELOPMENT	12,840	41
BASIC RESEARCH	(5,538)	(18)
APPLIED RESEARCH	(6,643)	(21)
MANAGEMENT OR ADMINISTRATION	11,417	37
MANAGEMENT OR ADMINISTRATION OF RESEARCH AND DEVELOPMENT	(4,796)	(15)
TEACHING	355	1
PRODUCTION AND INSPECTION	952	3
CONSULTING	968	3
EXPLORATION, FORECASTING, REPORTING	2,592	8
OTHER	1,245	4
NO REPORT	729	2

PRIMARY WORK ACTIVITY

Nearly three-fifths, or 57 percent, of the registrants in the Federal Government were primarily engaged in research and development, including R&D management or administration.

YEARS OF PROFESSIONAL EXPERIENCE	REGISTRANTS IN THE FEDERAL GOVERNMENT	
	NUMBER	PERCENT
ALL YEARS	31,118	100
1 OR LESS YEARS	457	1
2 TO 4 YEARS	2,931	9
5 TO 9 YEARS	5,449	18
10 TO 14 YEARS	5,075	16
15 TO 19 YEARS	4,136	13
20 TO 24 YEARS	3,759	12
25 TO 29 YEARS	2,349	8
30 TO 34 YEARS	1,727	6
35 TO 39 YEARS	736	2
40 OR MORE	443	1
NO REPORT	4,056	13

YEARS OF PROFESSIONAL EXPERIENCE

Of registrants employed in the Federal Government, 11 percent had less than 5 years of experience.

AGE	REGISTRANTS IN THE FEDERAL GOVERNMENT	
	NUMBER	PERCENT
ALL AGES	31,118	100
24 AND UNDER	234	1
25-29	3,128	10
30-34	5,199	17
35-39	5,092	16
40-44	4,749	15
45-49	4,567	15
50-54	3,733	12
55-59	2,529	8
60-64	1,315	4
65-69	427	1
70 AND OVER	83	---
NO REPORT	62	---

AGE

Of the registrants employed in the Federal Government, 11 percent were less than 30 years old and 26 percent were over 50 years old.

EMPLOYED IN NONPROFIT ORGANIZATIONS

FIELD	TOTAL REGISTRANTS	REGISTRANTS IN NONPROFIT ORGANIZATIONS		
		NUMBER	PERCENT OF TOTAL	PERCENT
ALL FIELDS	312,444	10,911	3	100
CHEMISTRY	86,980	2,151	2	20
EARTH & MARINE SCIENCES	23,756	269	1	2
ATMOSPHERIC & SPACE SCIENCES	6,637	96	1	1
PHYSICS	36,336	907	2	8
MATHEMATICS	24,400	488	2	4
COMPUTER SCIENCES	11,324	401	4	4
AGRICULTURAL SCIENCES	15,730	212	1	2
BIOLOGICAL SCIENCES	47,493	2,956	6	27
PSYCHOLOGY	26,271	2,072	8	19
STATISTICS	2,953	125	4	1
ECONOMICS	13,386	530	4	5
SOCIOLOGY	7,658	346	4	3
POLITICAL SCIENCE	6,493	219	3	2
ANTHROPOLOGY	1,325	37	3	---
LINGUISTICS	1,902	127	7	1

SCIENTIFIC FIELD One-fourth of the registrants employed in nonprofit organizations were biologists.

PRIMARY WORK ACTIVITY	REGISTRANTS IN NONPROFIT ORGANIZATIONS	
	NUMBER	PERCENT
ALL ACTIVITIES	10,911	100
RESEARCH AND DEVELOPMENT	4,601	42
BASIC RESEARCH	(2,173)	(20)
APPLIED RESEARCH	(2,231)	(20)
MANAGEMENT OR ADMINISTRATION	3,051	28
MANAGEMENT OR ADMINISTRATION OF RESEARCH AND DEVELOPMENT	(1,520)	(14)
TEACHING	265	2
PRODUCTION AND INSPECTION	231	2
CONSULTING	1,567	14
EXPLORATION, FORECASTING, REPORTING	481	4
OTHER	476	4
NO REPORT	296	3

PRIMARY WORK ACTIVITY More than one-half, or 56 percent, of the scientists employed in nonprofit organizations were engaged in research and development, including R&D management.

YEARS OF PROFESSIONAL EXPERIENCE	REGISTRANTS IN NONPROFIT ORGANIZATIONS	
	NUMBER	PERCENT
ALL YEARS	10,911	100
1 OR LESS YEARS	346	3
2 TO 4 YEARS	1,421	13
5 TO 9 YEARS	2,003	18
10 TO 14 YEARS	1,665	15
15 TO 19 YEARS	1,402	13
20 TO 24 YEARS	1,191	11
25 TO 29 YEARS	563	5
30 TO 34 YEARS	443	4
35 TO 39 YEARS	271	2
40 OR MORE	208	2
NO REPORT	1,398	13

YEARS OF PROFESSIONAL EXPERIENCE

Of the registrants in nonprofit organizations, 16 percent had less than 5 years of experience.

AGE	REGISTRANTS IN NONPROFIT ORGANIZATIONS	
	NUMBER	PERCENT
ALL AGES	10,911	100
24 AND UNDER	114	1
25-29	1,390	13
30-34	1,901	17
35-39	1,768	16
40-44	1,795	16
45-49	1,599	15
50-54	996	9
55-59	653	6
60-64	418	4
65-69	168	2
70 AND OVER	91	1
NO REPORT	38	---

AGE

Of the registrants employed in nonprofit organizations, 14 percent were less than 30 years old and 21 percent were over 50.

SALARIES

(Full-Time Employed Civilians)

FIELD	MEDIAN ANNUAL SALARY OF FULL-TIME EMPLOYED CIVILIAN SCIENTISTS		
	PH.D. DEGREE	MASTER'S AS HIGHEST DEGREE	BACHELOR'S AS HIGHEST DEGREE
ALL FIELDS	16,500	13,500	13,900
CHEMISTRY	17,400	15,000	13,800
EARTH & MARINE SCIENCES	15,600	14,000	15,000
ATMOSPHERIC & SPACE SCIENCES	17,600	15,800	15,000
PHYSICS	17,300	14,100	14,600
MATHEMATICS	14,700	12,900	17,400
COMPUTER SCIENCES	19,700	16,500	16,000
AGRICULTURAL SCIENCES	16,300	12,500	12,000
BIOLOGICAL SCIENCES	16,000	11,300	10,800
PSYCHOLOGY	16,000	13,100	14,600
STATISTICS	17,400	16,200	17,000
ECONOMICS	17,400	14,200	16,300
SOCIOLOGY	15,000	10,100	10,000
POLITICAL SCIENCE	14,500	10,500	10,700
ANTHROPOLOGY	14,800	------	------
LINGUISTICS	13,500	10,300	10,200

SCIENTIFIC FIELD Highest median annual salaries were reported by doctorates and master's degree holders in computer sciences, and by bachelor's degree holders in mathematics.

TYPE OF EMPLOYER	MEDIAN ANNUAL SALARY OF FULL-TIME EMPLOYED CIVILIAN SCIENTISTS
ALL EMPLOYERS	15,000
EDUCATIONAL INSTITUTIONS	
ACADEMIC YEAR BASE	12,500
CALENDAR YEAR BASE	15,500
FEDERAL GOVERNMENT	16,100
OTHER GOVERNMENT	13,000
NONPROFIT ORGANIZATIONS	15,400
INDUSTRY AND BUSINESS	16,700
SELF-EMPLOYED	20,000

TYPE OF EMPLOYER The highest median salary of $20,000 was reported by self-employed scientists.

PRIMARY WORK ACTIVITY	MEDIAN ANNUAL SALARY OF FULL-TIME EMPLOYED CIVILIAN SCIENTISTS
ALL ACTIVITIES	15,000
RESEARCH AND DEVELOPMENT	15,000
BASIC RESEARCH	(14,700)
APPLIED RESEARCH	(15,800)
MANAGEMENT OR ADMINISTRATION	19,200
MANAGEMENT OR ADMINISTRATION OF RESEARCH AND DEVELOPMENT	(20,700)
TEACHING	
ACADEMIC YEAR BASE	12,000
CALENDAR YEAR BASE	15,000
PRODUCTION AND INSPECTION	13,600
CONSULTING	16,400
EXPLORATION, FORECASTING, REPORTING	14,500

PRIMARY WORK ACTIVITY

The highest median salary, $20,700, was reported for scientists managing or administering research and development.

YEARS OF PROFESSIONAL EXPERIENCE	MEDIAN ANNUAL SALARY OF FULL-TIME EMPLOYED CIVILIAN SCIENTISTS
ALL YEARS	15,000
1 OR LESS YEARS	10,100
2 TO 4 YEARS	11,100
5 TO 9 YEARS	13,100
10 TO 14 YEARS	15,400
15 TO 19 YEARS	17,400
20 TO 24 YEARS	18,300
25 TO 29 YEARS	19,100
30 TO 34 YEARS	20,000
35 TO 39 YEARS	19,300
40 OR MORE	18,500

YEARS OF PROFESSIONAL EXPERIENCE

Median salaries increased with number of years of professional experience up to 30-34 years; the overall median salary of $15,000 was reached between 10 and 14 years of experience.

AGE	MEDIAN ANNUAL SALARY OF FULL-TIME EMPLOYED CIVILIAN SCIENTISTS
ALL AGES	15,000
24 AND UNDER	8,700
25-29	10,800
30-34	13,000
35-39	15,000
40-44	16,800
45-49	18,000
50-54	18,500
55-59	18,500
60-64	18,300
65-69	18,000
70 AND OVER	16,000
NO REPORT	13,500

AGE

Median salaries increased generally up to ages 55-59; the overall median salary of $15,000 was reached between ages 35 and 39.

GEOGRAPHIC LOCATION

GEOGRAPHIC LOCATIONS	TOTAL REGISTRANTS	MEDIAN ANNUAL SALARY OF FULL-TIME EMPLOYED CIVILIAN SCIENTISTS
ALL LOCATIONS	312,644	15,000
SELECTED STATES	187,371	------
CALIFORNIA	35,219	15,800
NEW YORK	32,391	16,000
PENNSYLVANIA	17,094	15,000
ILLINOIS	16,020	15,000
TEXAS	15,671	15,000
NEW JERSEY	14,337	16,400
OHIO	13,404	14,500
MASSACHUSETTS	12,677	15,400
MICHIGAN	10,976	14,700
MARYLAND	10,725	16,900
DISTRICT OF COLUMBIA	8,857	19,000

SELECTED STATES

Three-fifths, or 57 percent, of the scientists were located in 10 States.

STANDARD METROPOLITAN STATISTICAL AREAS	TOTAL REGISTRANTS	MEDIAN ANNUAL SALARY OF FULL-TIME EMPLOYED CIVILIAN SCIENTISTS
ALL LOCATIONS	312,644	15,000
SELECTED METROPOLITAN AREAS	131,742	------
NEW YORK, N.Y.	19,184	17,000
WASHINGTON, D.C.-MD.-VA.	17,711	18,500
LOS ANGELES-LONG BEACH, CALIF.	11,360	16,300
CHICAGO, ILL.	10,445	15,400
BOSTON, MASS.	9,268	16,000
PHILADELPHIA, PA.-N.J.	8,390	15,600
SAN FRANCISCO-OAKLAND, CALIF.	8,099	16,000
NEWARK, N.J.	5,335	17,000
HOUSTON, TEX.	4,873	16,000
DENVER, COLO.	4,066	15,500
MINNEAPOLIS-ST. PAUL, MINN.	3,975	15,600
PITTSBURGH, PA.	3,914	15,700
SAN JOSE, CALIF.	3,681	17,000
BALTIMORE, MD.	3,327	15,300
ST. LOUIS, MO.-ILL.	3,310	15,300
DETROIT, MICH.	3,203	15,000
WILMINGTON, DEL.-N.J.-MD.	3,141	18,000
CLEVELAND, OHIO	3,123	15,200
SEATTLE-EVERETT, WASH.	2,784	14,600
ROCHESTER, N.Y.	2,553	16,500

SELECTED STANDARD METROPOLITAN STATISTICAL AREAS

Two-fifths, or 42 percent, of the scientists were located in 20 metropolitan areas. Scientists in the Seattle-Everett, Wash., metropolitan area had a median salary below the $15,000 overall median.

RECEIVING FEDERAL SUPPORT

FIELD	TOTAL REGISTRANTS	REGISTRANTS RECEIVING FEDERAL SUPPORT		
		NUMBER	PERCENT OF TOTAL	PERCENT
ALL FIELDS	312,644	123,707	40	100
CHEMISTRY	86,980	22,660	26	18
EARTH & MARINE SCIENCES	23,756	6,920	29	6
ATMOSPHERIC & SPACE SCIENCES	6,637	5,314	80	4
PHYSICS	36,336	20,144	55	16
MATHEMATICS	24,400	7,197	29	6
COMPUTER SCIENCES	11,324	4,980	44	4
AGRICULTURAL SCIENCES	15,730	10,420	66	8
BIOLOGICAL SCIENCES	47,493	25,184	53	20
PSYCHOLOGY	26,271	10,060	38	8
STATISTICS	2,953	1,553	52	1
ECONOMICS	13,386	4,660	35	4
SOCIOLOGY	7,658	2,297	30	2
POLITICAL SCIENCE	6,493	1,516	23	1
ANTHROPOLOGY	1,325	417	31	---
LINGUISTICS	1,902	385	20	---

SCIENTIFIC FIELD

Most of the atmospheric and space scientists and agricultural scientists were supported by Federal funds.

GOVERNMENT PROGRAM	REGISTRANTS RECEIVING FEDERAL SUPPORT			
	TOTAL	PH.D. DEGREE	MASTER'S AS HIGHEST DEGREE	BACHELOR'S AS HIGHEST DEGREE
ALL PROGRAMS	123,707	54,089	33,201	30,647
AGRICULTURE	14,547	7,258	3,287	3,804
ATOMIC ENERGY	10,887	5,918	2,437	2,387
DEFENSE	29,002	9,602	9,416	9,275
EDUCATION	18,870	9,063	6,618	2,713
HEALTH	28,953	17,185	4,151	3,564
HOUSING	1,359	439	508	390
INTERNATIONAL	2,790	1,507	706	486
NATURAL RESOURCES	13,719	4,050	3,680	5,849
PUBLIC WORKS	1,896	363	540	949
RURAL DEVELOPMENT	2,076	580	577	894
SPACE	10,569	4,439	2,991	2,971
TRANSPORTATION	3,288	954	1,093	1,162
URBAN DEVELOPMENT	2,905	1,122	994	751
OTHER	16,570	6,699	4,594	4,635

GOVERNMENT PROGRAM AND HIGHEST DEGREE

Federal support was reported most frequently in defense and health programs. Of all scientists doing federally supported work, 44 percent were doctorates.

TYPE OF EMPLOYER	TOTAL REGISTRANTS	REGISTRANTS RECEIVING FEDERAL SUPPORT		
		NUMBER	PERCENT OF TOTAL	PERCENT
ALL REGISTRANTS	312,644	123,707	40	100
EDUCATIONAL INSTITUTIONS	130,389	54,220	42	44
FEDERAL GOVERNMENT	31,118	31,118	100	25
OTHER GOVERNMENT	11,741	6,225	53	5
NONPROFIT ORGANIZATIONS	10,911	5,858	54	5
INDUSTRY AND BUSINESS	97,542	16,675	17	13
SELF-EMPLOYED	6,314	959	15	1
MILITARY	7,285	7,285	100	6
OTHER	2,116	885	42	1
NO REPORT	2,320	482	21	---

TYPE OF EMPLOYER

Two-fifths of the scientists employed by educational institutions and 17 percent of those employed by industry reported Federal support of their work.

NOTE: Scientists employed by the Federal Government and the military services receive their salaries directly from the U.S. Treasury. Scientists employed by other types of employers are supported or sponsored in whole or in part by Federal funds through contracts or grants.

WOMEN

FIELD	TOTAL REGISTRANTS	WOMEN		
		NUMBER	PERCENT OF TOTAL	PERCENT
ALL FIELDS	312,644	29,293	9	100
CHEMISTRY	86,980	6,201	7	21
EARTH & MARINE SCIENCES	23,756	852	4	3
ATMOSPHERIC & SPACE SCIENCES	6,637	102	2	---
PHYSICS	36,336	1,354	4	5
MATHEMATICS	24,400	2,790	11	10
COMPUTER SCIENCES	11,324	1,263	11	4
AGRICULTURAL SCIENCES	15,730	57	--	---
BIOLOGICAL SCIENCES	47,493	6,134	13	21
PSYCHOLOGY	26,271	6,327	24	22
STATISTICS	2,953	337	11	1
ECONOMICS	13,386	812	6	3
SOCIOLOGY	7,658	1,729	22	6
POLITICAL SCIENCE	6,493	631	10	2
ANTHROPOLOGY	1,325	257	19	1
LINGUISTICS	1,902	447	24	2

SCIENTIFIC FIELD

Three-fourths of the women scientists were in four fields: Psychology, chemistry, biological sciences, and mathematics.

FIELD	WOMEN			
	TOTAL	PH.D. DEGREE	MASTER'S AS HIGHEST DEGREE	BACHELOR'S AS HIGHEST DEGREE
ALL FIELDS	29,293	9,443	12,476	6,875
CHEMISTRY	6,201	1,241	1,899	2,995
EARTH & MARINE SCIENCES	852	145	384	316
ATMOSPHERIC & SPACE SCIENCES	102	12	38	39
PHYSICS	1,354	347	642	358
MATHEMATICS	2,790	476	1,822	492
COMPUTER SCIENCES	1,263	12	446	804
AGRICULTURAL SCIENCES	57	10	23	23
BIOLOGICAL SCIENCES	6,134	2,404	2,042	1,303
PSYCHOLOGY	6,327	3,168	3,097	56
STATISTICS	337	63	198	76
ECONOMICS	812	315	382	110
SOCIOLOGY	1,729	521	964	240
POLITICAL SCIENCE	631	277	347	7
ANTHROPOLOGY	257	241	8	6
LINGUISTICS	447	211	186	50

HIGHEST DEGREE

Three-fourths, or 72 percent, of the women doctorates were in psychology (34 percent), biological sciences (25 percent), and chemistry (13 percent).

TYPE OF EMPLOYER	WOMEN	
	NUMBER	PERCENT
ALL REGISTRANTS	29,293	100
EDUCATIONAL INSTITUTIONS	15,844	54
FEDERAL GOVERNMENT	1,896	6
OTHER GOVERNMENT	1,381	5
NONPROFIT ORGANIZATIONS	1,841	6
INDUSTRY AND BUSINESS	3,674	12
SELF-EMPLOYED	695	2
MILITARY	59	---
OTHER	278	1
NO REPORT	351	1

TYPE OF EMPLOYER

More than one-half of the women scientists were employed by educational institutions.

PRIMARY WORK ACTIVITY	WOMEN	
	NUMBER	PERCENT
ALL ACTIVITIES	29,293	100
RESEARCH AND DEVELOPMENT	8,377	28
BASIC RESEARCH	(4,094)	(14)
APPLIED RESEARCH	(3,683)	(12)
MANAGEMENT OR ADMINISTRATION	2,190	7
MANAGEMENT OR ADMINISTRATION OF RESEARCH AND DEVELOPMENT	(713)	(2)
TEACHING	9,625	33
PRODUCTION AND INSPECTION	668	2
CONSULTING	2,281	8
EXPLORATION, FORECASTING, REPORTING	1,139	4
OTHER	970	3
NO REPORT	769	3

PRIMARY WORK ACTIVITY

One-third, or 31 percent, of the women scientists were primarily engaged in research and development, including R&D management; one-third were in teaching.

YEARS OF PROFESSIONAL EXPERIENCE	WOMEN	
	NUMBER	PERCENT
ALL YEARS	29,293	100
1 OR LESS	1,085	4
2 TO 4 YEARS	5,508	19
5 TO 9 YEARS	6,003	20
10 TO 14 YEARS	3,526	12
15 TO 19 YEARS	2,448	8
20 TO 24 YEARS	2,112	7
25 TO 29 YEARS	1,436	5
30 TO 34 YEARS	897	3
35 TO 39 YEARS	557	2
40 OR MORE	520	2
NO REPORT	5,201	18

YEARS OF PROFESSIONAL EXPERIENCE

One-fourth, or 23 percent, of the women scientists reported less than 5 years of professional experience.

FIELD	MEDIAN ANNUAL SALARY OF FULL-TIME EMPLOYED CIVILIAN WOMEN SCIENTISTS
ALL FIELDS	11,600
CHEMISTRY	10,500
EARTH & MARINE SCIENCES	10,500
ATMOSPHERIC & SPACE SCIENCES	13,000
PHYSICS	12,000
MATHEMATICS	10,000
COMPUTER SCIENCES	13,200
AGRICULTURAL SCIENCES	9,400
BIOLOGICAL SCIENCES	11,000
PSYCHOLOGY	13,000
STATISTICS	14,000
ECONOMICS	13,400
SOCIOLOGY	11,000
POLITICAL SCIENCE	11,000
ANTHROPOLOGY	12,300
LINGUISTICS	11,300

SALARIES OF FULL-TIME EMPLOYED WOMEN SCIENTISTS

The highest median annual salaries of women scientists were in the fields of statistics and economics.

APPENDIXES

A. Detailed Statistical Tables
B. Technical Notes
C. Criteria for Inclusion in the National Register
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APPENDIX A

Detailed Statistical Tables

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TABLE A-1. 1970 CHARACTERISTICS OF SCIENTISTS IN THE UNITED STATES

CHARACTERISTICS	NUMBER	PERCENT
REGISTERED SCIENTISTS	312,644	100
MEN	283,351	91
WOMEN	29,293	9
FIELD OF SCIENCE		
CHEMISTRY	86,980	28
EARTH AND MARINE SCIENCES	23,756	8
ATMOSPHERIC AND SPACE SCIENCES	6,637	2
PHYSICS	36,336	12
MATHEMATICS	24,400	8
COMPUTER SCIENCES	11,324	4
AGRICULTURAL SCIENCES	15,730	5
BIOLOGICAL SCIENCES	47,493	15
PSYCHOLOGY	26,271	8
STATISTICS	2,953	1
ECONOMICS	13,386	4
SOCIOLOGY	7,658	2
POLITICAL SCIENCE	6,493	2
ANTHROPOLOGY	1,325	---
LINGUISTICS	1,902	1
HIGHEST DEGREE		
DOCTORATE	125,234	40
PROFESSIONAL MEDICAL	7,294	2
MASTER'S	93,540	30
BACHELOR'S	83,740	27
LESS THAN BACHELOR'S	575	---
NO REPORT	2,261	1
AGE (MEDIAN AGE 39)		
24 OR UNDER	6,785	2
25-29	52,679	17
30-34	57,477	18
35-39	47,318	15
40-44	44,613	14
45-49	39,051	12
50-54	27,450	9
55-59	18,464	6
60-64	10,879	3
65-69	4,737	2
70 OR OVER	2,263	1
NO REPORT	928	---
EMPLOYMENT STATUS		
FULL-TIME EMPLOYED	277,036	89
CIVILIAN	269,918	86
MILITARY	7,118	2
PART-TIME EMPLOYED	18,316	6
NOT EMPLOYED SEEKING EMPLOYMENT	4,926	2
EMPLOYMENT STATUS -- CONTINUED		
NOT EMPLOYED NOT SEEKING EMPLOYMENT	5,952	2
RETIRED	2,030	1
NO REPORT	4,344	1
TYPE OF EMPLOYER		
EDUCATIONAL INSTITUTIONS	130,389	42
FEDERAL GOVERNMENT	31,118	10
OTHER GOVERNMENT	11,741	4
NONPROFIT ORGANIZATIONS	10,911	3
INDUSTRY AND BUSINESS	97,542	31
SELF-EMPLOYED	6,314	2
MILITARY	7,285	2
OTHER	2,116	1
NOT EMPLOYED	12,908	4
NO REPORT	2,320	1
PRIMARY WORK ACTIVITY		
RESEARCH AND DEVELOPMENT	97,078	31
BASIC RESEARCH	44,544	14
APPLIED RESEARCH	40,704	13
MANAGEMENT OR ADMINISTRATION	68,708	22
MANAGEMENT OR ADMINISTRATION OF RESEARCH AND DEVELOPMENT	29,723	10
TEACHING	72,408	23
PRODUCTION AND INSPECTION	16,086	5
CONSULTING	14,544	5
EXPLORATION, FORCASTING, REPORTING	14,535	5
OTHER	8,113	2
NOT EMPLOYED	12,908	4
NO REPORT	8,264	3
YEARS OF PROFESSIONAL EXPERIENCE		
1 OR LESS	10,794	3
2-4	44,968	14
5-9	57,757	18
10-14	44,330	14
15-19	36,242	12
20-24	30,422	10
25-29	15,657	5
30-34	13,066	4
35-39	6,993	2
40 OR MORE	5,703	2
NO REPORT	46,712	15
FEDERAL SUPPORT STATUS		
RECEIVING SUPPORT	123,707	40
NO SUPPORT	146,545	47
STATUS UNKNOWN	10,239	3
NO REPORT	32,153	10

NOTE - PERCENTS MAY NOT ADD TO TOTAL BECAUSE OF ROUNDING.

SOURCE - NATIONAL REGISTER OF SCIENTIFIC AND TECHNICAL PERSONNEL, 1970.

TABLE A-2. SALARY DISTRIBUTION OF FULL-TIME EMPLOYED CIVILIAN SCIENTISTS, BY FIELD, 1970

SCIENTIFIC AND TECHNICAL FIELD	LOWER DECILE	LOWER QUARTILE	MEDIAN	UPPER QUARTILE	UPPER DECILE
ALL FIELDS	9,500	11,900	15,000	19,100	24,500
CHEMISTRY	9,600	12,000	15,300	19,200	24,000
EARTH & MARINE SCIENCES	10,000	12,000	14,900	18,400	23,100
ATMOSPHERIC & SPACE SCIENCES	10,000	12,700	15,200	18,400	22,300
PHYSICS	10,000	12,000	15,900	20,000	25,000
MATHEMATICS	9,000	11,000	14,300	19,200	25,000
COMPUTER SCIENCES	11,800	13,600	16,500	20,000	24,000
AGRICULTURAL SCIENCES	8,800	10,300	12,800	15,800	19,500
BIOLOGICAL SCIENCES	8,700	11,300	15,000	20,000	26,100
PSYCHOLOGY	10,500	12,300	15,000	18,500	23,700
STATISTICS	11,500	13,600	16,900	20,700	25,000
ECONOMICS	11,000	13,000	16,300	21,000	27,000
SOCIOLOGY	8,500	10,400	13,000	16,700	21,000
POLITICAL SCIENCE	9,300	10,700	13,100	18,000	23,500
ANTHROPOLOGY	10,700	12,000	14,700	18,900	23,000
LINGUISTICS	9,000	10,500	12,500	16,400	20,700

SOURCE - NATIONAL REGISTER OF SCIENTIFIC AND TECHNICAL PERSONNEL, 1970.

TABLE A-3. NUMBER OF SCIENTISTS, BY FIELD, AGE, AND HIGHEST DEGREE, 1970

SCIENTIFIC AND TECHNICAL FIELD AND AGE	TOTAL	HIGHEST DEGREE				LESS THAN BACHELOR'S DEGREE	NO REPORT OF DEGREE
		DOCTORATE	PROFESSIONAL MEDICAL	MASTER'S	BACHELOR'S		
ALL FIELDS	312,644	125,234	7,294	93,540	83,740	575	2,261
24 AND UNDER	6,785	39	5	1,376	5,322	10	33
25-29	52,679	11,188	306	22,083	18,932	20	150
30-34	57,477	24,880	844	18,720	12,722	38	273
35-39	47,318	22,159	1,338	13,254	10,215	56	296
40-44	44,613	20,508	1,350	11,791	10,578	53	333
45-49	39,051	17,142	1,263	10,210	10,058	68	310
50-54	27,450	11,866	872	6,895	7,418	80	319
55-59	18,464	7,894	604	4,770	4,835	122	239
60-64	10,879	5,188	396	2,731	2,318	82	164
65-69	4,737	2,670	197	1,056	716	27	71
70 AND OVER	2,263	1,348	93	390	370	14	48
NO REPORT	928	352	26	264	256	5	25
CHEMISTRY	86,980	29,985	257	19,178	36,514	230	816
24 AND UNDER	3,682	9	3	302	3,348	3	17
25-29	15,724	3,368	108	3,882	8,332	4	30
30-34	13,473	5,937	44	3,017	4,418	6	51
35-39	10,599	4,932	25	2,221	3,334	17	70
40-44	11,290	4,421	21	2,561	4,186	15	106
45-49	11,168	3,932	18	2,610	4,580	21	107
50-54	9,074	3,039	15	1,986	3,867	40	127
55-59	6,183	1,997	7	1,412	2,570	61	136
60-64	3,364	1,313	3	752	1,164	41	91
65-69	1,339	641	7	264	375	14	38
70 AND OVER	837	428	5	140	224	8	32
NO REPORT	247	68	1	51	116	------	11
EARTH & MARINE SCIENCES	23,756	5,555	1	8,006	9,910	76	208
24 AND UNDER	583	2	------	53	517	3	8
25-29	2,729	236	------	1,330	1,147	3	13
30-34	3,307	1,025	------	1,402	867	1	12
35-39	3,900	1,165	------	1,447	1,261	4	23
40-44	4,433	988	------	1,386	2,028	4	27
45-49	3,752	743	------	1,066	1,898	4	43
50-54	2,187	527	------	609	1,018	3	30
55-59	1,426	374	------	366	637	28	21
60-64	831	270	1	213	317	14	16
65-69	368	140	------	83	127	7	11
70 AND OVER	180	69	------	33	70	4	4
NO REPORT	60	16	------	18	25	1	------
ATMOSPHERIC & SPACE SCIENCES	6,637	693	2	1,882	3,089	211	760
24 AND UNDER	237	------	------	34	200	1	2
25-29	1,150	59	------	322	735	8	26
30-34	1,062	140	------	341	430	25	126
35-39	895	121	1	275	322	33	143
40-44	858	100	------	245	336	30	147
45-49	852	102	------	232	372	36	110
50-54	874	96	------	245	378	33	122
55-59	416	41	------	113	196	21	47
60-64	199	19	------	51	86	16	27
65-69	56	10	1	15	22	4	4
70 AND OVER	19	4	------	7	6	------	2
NO REPORT	19	1	------	2	8	4	4
PHYSICS	36,336	16,631	6	12,215	7,392	------	92
24 AND UNDER	1,041	5	------	421	615	------	------
25-29	8,440	1,896	------	3,842	2,659	------	43
30-34	8,752	4,537	1	2,793	1,394	------	27
35-39	5,729	3,220	------	1,648	854	------	7
40-44	4,317	2,521	2	1,141	650	------	3
45-49	3,550	1,975	2	1,005	564	------	4
50-54	1,878	982	1	551	341	------	3
55-59	1,212	647	------	386	176	------	3
60-64	781	434	------	268	77	------	2
65-69	451	296	------	124	31	------	------
70 AND OVER	122	99	------	17	6	------	------
NO REPORT	63	19	------	19	25	------	------
MATHEMATICS	24,400	8,033	5	11,975	4,349	------	38
24 AND UNDER	173	12	------	132	29	------	------
25-29	5,161	1,238	------	2,934	981	------	8
30-34	5,975	2,157	2	2,872	934	------	10
35-39	4,065	1,369	1	1,914	774	------	7
40-44	3,144	1,100	------	1,394	646	------	4
45-49	2,219	757	1	1,067	389	------	5
50-54	1,429	509	------	660	259	------	1
55-59	1,072	386	------	503	183	------	------
60-64	700	278	------	320	101	------	1
65-69	315	156	------	125	33	------	1
70 AND OVER	114	63	1	36	13	------	1
NO REPORT	33	8	------	18	7	------	------

TABLE A-3. NUMBER OF SCIENTISTS, BY FIELD, AGE, AND HIGHEST DEGREE, 1970--CONTINUED

SCIENTIFIC AND TECHNICAL FIELD AND AGE	TOTAL	HIGHEST DEGREE				LESS THAN BACHELOR'S DEGREE	NO REPORT OF DEGREE
		DOCTORATE	PROFESSIONAL MEDICAL	MASTER'S	BACHELOR'S		
COMPUTER SCIENCES	11,324	1,010	1	4,859	5,434	------	20
24 AND UNDER	134	------	------	69	65	------	------
25-29	2,809	132	------	1,313	1,363	------	1
30-34	3,171	267	1	1,338	1,556	------	9
35-39	2,298	219	------	878	1,198	------	3
40-44	1,514	175	------	635	699	------	5
45-49	842	118	------	385	339	------	------
50-54	331	51	------	141	139	------	------
55-59	141	32	------	68	41	------	------
60-64	47	10	------	18	17	------	2
65-69	10	2	------	3	5	------	------
70 AND OVER	2	2	------	------	------	------	------
NO REPORT	25	2	------	11	12	------	------
AGRICULTURAL SCIENCES	15,730	2,944	4	4,176	8,520	18	68
24 AND UNDER	135	------	------	10	121	2	2
25-29	2,212	148	------	740	1,320	1	3
30-34	2,812	358	1	757	1,682	------	14
35-39	2,584	511	1	571	1,492	------	9
40-44	2,230	508	------	558	1,158	1	5
45-49	2,169	508	1	573	1,074	3	10
50-54	1,664	440	------	453	757	1	13
55-59	1,110	249	1	289	558	7	6
60-64	573	145	------	157	264	3	4
65-69	153	61	------	46	46	------	------
70 AND OVER	42	11	------	11	20	------	------
NO REPORT	46	5	------	11	28	------	2
BIOLOGICAL SCIENCES	47,493	24,334	6,985	10,303	5,719	27	125
24 AND UNDER	345	4	2	78	258	------	3
25-29	6,149	1,726	198	2,571	1,644	4	5
30-34	8,345	4,345	792	2,185	1,004	6	12
35-39	7,825	4,357	1,308	1,477	661	2	20
40-44	7,707	4,478	1,323	1,278	600	3	25
45-49	6,371	3,550	1,236	992	567	3	23
50-54	4,411	2,388	851	730	428	1	13
55-59	3,060	1,629	590	524	307	2	8
60-64	1,984	1,112	388	299	173	5	7
65-69	871	521	188	113	43	1	5
70 AND OVER	271	153	84	18	13	------	3
NO REPORT	155	70	25	38	21	------	1
PSYCHOLOGY	26,271	17,593	22	8,433	215	------	8
24 AND UNDER	41	2	------	36	3	------	------
25-29	2,551	1,140	------	1,376	35	------	------
30-34	4,313	2,933	2	1,349	26	------	3
35-39	4,348	3,124	1	1,197	24	------	2
40-44	4,731	3,332	3	1,366	29	------	1
45-49	4,006	2,761	5	1,205	35	------	------
50-54	2,536	1,764	5	744	22	------	1
55-59	1,670	1,124	4	528	14	------	------
60-64	1,052	703	1	336	12	------	------
65-69	528	363	------	158	7	------	------
70 AND OVER	366	272	1	88	4	------	1
NO REPORT	129	75	------	50	4	------	------
STATISTICS	2,953	1,157	2	1,256	532	------	6
24 AND UNDER	16	------	------	13	3	------	------
25-29	472	137	------	290	44	------	1
30-34	630	286	------	270	74	------	------
35-39	476	236	1	162	77	------	------
40-44	411	164	1	165	81	------	------
45-49	353	134	------	137	80	------	2
50-54	241	83	------	96	62	------	------
55-59	203	57	------	79	64	------	3
60-64	110	38	------	34	38	------	------
65-69	23	11	------	6	6	------	------
70 AND OVER	12	7	------	2	3	------	------
NO REPORT	6	4	------	2	------	------	------
ECONOMICS	13,386	7,225	------	5,008	1,082	9	62
24 AND UNDER	110	3	------	84	23	------	------
25-29	1,981	502	------	1,231	242	------	6
30-34	2,421	1,215	------	1,020	183	------	3
35-39	1,995	1,183	------	676	130	------	6
40-44	1,723	1,087	------	521	109	------	6
45-49	1,704	1,097	------	478	124	1	4
50-54	1,401	870	------	412	113	2	4
55-59	960	588	------	289	73	1	9
60-64	586	337	------	179	60	2	8
65-69	303	205	------	76	14	1	7
70 AND OVER	153	113	------	27	6	2	5
NO REPORT	49	25	------	15	5	------	4

TABLE A-5. NUMBER OF SCIENTISTS, BY FIELD, AGE, AND HIGHEST DEGREE, 1970--CONTINUED

SCIENTIFIC AND TECHNICAL FIELD AND AGE	TOTAL	HIGHEST DEGREE				LESS THAN BACHELOR'S DEGREE	NO REPORT OF DEGREE
		DOCTORATE	PROFESSIONAL MEDICAL	MASTER'S	BACHELOR'S		
SOCIOLOGY	7,656	3,690	------	3,141	758	------	29
24 AND UNDER	179	------	------	60	119	------	------
25-29	1,714	196	------	1,159	356	------	3
30-34	1,525	960	------	449	108	------	8
35-39	1,044	600	------	420	66	------	4
40-44	926	582	------	303	36	------	4
45-49	875	586	------	256	29	------	------
50-54	607	436	------	143	27	------	1
55-59	432	322	------	96	12	------	2
60-64	267	203	------	55	5	------	1
65-69	125	96	------	23	4	------	2
70 AND OVER	39	35	------	3	1	------	------
NO REPORT	46	20	------	20	5	------	1
POLITICAL SCIENCE	6,493	3,990	------	2,447	48	------	8
24 AND UNDER	78	1	------	75	2	------	------
25-29	1,270	320	------	936	12	------	2
30-34	1,345	765	------	563	16	------	1
35-39	875	600	------	278	8	------	1
40-44	737	556	------	179	2	------	------
45-49	745	585	------	154	5	------	1
50-54	536	439	------	87	3	------	------
55-59	356	265	------	89	2	------	------
60-64	227	188	------	35	------	------	3
65-69	112	98	------	13	1	------	------
70 AND OVER	56	53	------	3	------	------	------
NO REPORT	35	28	------	7	------	------	------
ANTHROPOLOGY	1,925	1,760	8	96	17	2	2
24 AND UNDER	1	------	------	1	------	------	------
25-29	56	55	------	------	1	------	------
30-34	167	164	1	2	------	------	------
35-39	211	210	------	1	------	------	------
40-44	278	276	------	2	------	------	------
45-49	209	207	------	1	1	------	------
50-54	148	139	------	5	4	------	------
55-59	100	87	1	9	1	2	------
60-64	80	69	1	4	6	------	------
65-69	67	62	1	2	1	------	1
70 AND OVER	37	27	2	4	4	------	------
NO REPORT	10	8	------	1	------	------	1
LINGUISTICS	1,917	1,196	1	505	183	2	19
24 AND UNDER	30	1	------	8	19	1	1
25-29	287	59	------	157	63	------	8
30-34	366	190	------	166	82	------	2
35-39	330	222	------	89	18	------	1
40-44	268	164	------	79	25	------	------
45-49	236	177	------	51	7	------	1
50-54	191	155	------	21	5	------	2
55-59	129	96	1	19	9	------	4
60-64	83	70	------	10	------	1	2
65-69	58	50	------	5	1	------	2
70 AND OVER	15	14	------	1	------	------	------
NO REPORT	9	8	------	1	------	------	1

SOURCE - NATIONAL REGISTER OF SCIENTIFIC AND TECHNICAL PERSONNEL, 1970.

TABLE A-6. NUMBER OF SCIENTISTS, BY FIELD, EMPLOYMENT STATUS, AND HIGHEST DEGREE, 1972

SCIENTIFIC AND TECHNICAL FIELD AND EMPLOYMENT STATUS	TOTAL	HIGHEST DEGREE				LESS THAN BACHELOR'S DEGREE	NO REPORT OF DEGREE
		DOCTORATE	PROFESSIONAL MEDICAL	MASTER'S	BACHELOR'S		
ALL FIELDS	312,644	125,234	7,294	93,540	83,740	575	2,261
FULL-TIME EMPLOYED	277,036	118,828	6,890	76,137	72,698	509	1,974
CIVILIAN	269,918	117,844	6,475	73,557	69,994	428	1,620
MILITARY	7,118	984	415	2,580	2,704	81	354
PART-TIME EMPLOYED	18,316	2,668	208	9,889	5,418	20	113
NOT EMPLOYED	12,908	2,648	65	5,859	4,171	34	131
SEEKING EMPLOYMENT	4,926	1,162	28	2,252	1,429	10	45
NOT SEEKING EMPLOYMENT	5,952	436	33	3,115	2,330	1	37
RETIRED	2,030	1,050	4	492	412	23	49
NO REPORT	4,384	1,090	131	1,655	1,453	12	43
CHEMISTRY	86,980	29,985	257	19,178	36,514	230	816
FULL-TIME EMPLOYED	78,354	28,436	215	16,772	32,005	210	716
CIVILIAN	77,015	28,243	191	16,426	31,229	210	716
MILITARY	1,339	193	24	346	776	------	------
PART-TIME EMPLOYED	3,461	425	15	1,047	1,942	4	28
NOT EMPLOYED	3,541	829	14	878	1,759	12	49
SEEKING EMPLOYMENT	1,248	334	4	344	546	4	16
NOT SEEKING EMPLOYMENT	1,413	84	9	371	942	------	7
RETIRED	880	411	1	163	271	8	26
NO REPORT	1,624	295	13	481	808	4	23
EARTH & MARINE SCIENCES	23,756	5,555	1	8,006	9,910	76	208
FULL-TIME EMPLOYED	21,135	5,321	1	6,756	8,806	62	189
CIVILIAN	20,856	5,303	1	6,634	8,668	62	188
MILITARY	279	18	------	122	138	------	1
PART-TIME EMPLOYED	1,448	129	------	700	600	8	11
NOT EMPLOYED	869	72	------	417	369	3	8
SEEKING EMPLOYMENT	435	37	------	197	194	2	5
NOT SEEKING EMPLOYMENT	379	18	------	203	156	------	2
RETIRED	55	17	------	17	19	1	1
NO REPORT	304	33	------	133	135	3	------
ATMOSPHERIC & SPACE SCIENCES	6,637	693	2	1,882	3,089	211	760
FULL-TIME EMPLOYED	5,919	655	2	1,593	2,770	192	707
CIVILIAN	3,810	633	2	1,053	1,656	111	355
MILITARY	2,109	22	------	540	1,114	81	352
PART-TIME EMPLOYED	273	13	------	134	116	3	7
NOT EMPLOYED	341	17	------	116	155	14	39
SEEKING EMPLOYMENT	108	7	------	29	55	2	15
NOT SEEKING EMPLOYMENT	120	4	------	51	58	------	7
RETIRED	113	6	------	36	42	12	17
NO REPORT	104	8	------	39	48	2	7
PHYSICS	36,336	16,631	6	12,215	7,392	------	92
FULL-TIME EMPLOYED	29,501	15,821	6	8,536	5,094	------	44
CIVILIAN	28,751	15,708	6	8,108	4,885	------	44
MILITARY	750	113	------	428	209	------	------
PART-TIME EMPLOYED	4,235	354	------	2,401	1,444	------	36
NOT EMPLOYED	2,116	357	------	1,039	711	------	9
SEEKING EMPLOYMENT	783	215	------	365	201	------	2
NOT SEEKING EMPLOYMENT	1,179	39	------	638	495	------	7
RETIRED	154	103	------	36	15	------	------
NO REPORT	484	99	------	239	143	------	3
MATHEMATICS	24,400	8,033	5	11,975	4,349	------	38
FULL-TIME EMPLOYED	21,735	7,686	4	10,040	3,974	------	31
CIVILIAN	21,170	7,619	4	9,678	3,838	------	31
MILITARY	565	67	------	362	136	------	------
PART-TIME EMPLOYED	1,377	128	------	1,100	146	------	3
NOT EMPLOYED	1,041	156	1	697	184	------	3
SEEKING EMPLOYMENT	363	85	------	217	61	------	------
NOT SEEKING EMPLOYMENT	559	19	------	435	102	------	3
RETIRED	119	52	1	45	21	------	------
NO REPORT	247	63	------	138	45	------	1
COMPUTER SCIENCES	11,324	1,010	1	4,859	5,434	------	20
FULL-TIME EMPLOYED	10,546	987	1	4,441	5,098	------	19
CIVILIAN	10,266	976	1	4,253	5,017	------	19
MILITARY	280	11	------	188	81	------	------
PART-TIME EMPLOYED	402	12	------	257	132	------	1
NOT EMPLOYED	326	7	------	137	182	------	------
SEEKING EMPLOYMENT	117	6	------	59	52	------	------
NOT SEEKING EMPLOYMENT	200	------	------	73	127	------	------
RETIRED	9	1	------	5	3	------	------
NO REPORT	50	4	------	24	22	------	------
AGRICULTURAL SCIENCES	15,730	2,946	4	4,176	8,520	18	68
FULL-TIME EMPLOYED	14,855	2,888	4	3,719	8,167	14	63
CIVILIAN	14,668	2,880	4	3,671	8,037	14	62
MILITARY	187	8	------	48	130	------	1
PART-TIME EMPLOYED	417	26	------	260	127	2	2
NOT EMPLOYED	311	13	------	140	153	2	3
SEEKING EMPLOYMENT	174	9	------	87	75	1	2
NOT SEEKING EMPLOYMENT	103	1	------	41	60	1	------
RETIRED	34	3	------	12	18	------	1
NO REPORT	147	19	------	57	71	------	------

TABLE A-4. NUMBER OF SCIENTISTS, BY FIELD, EMPLOYMENT STATUS, AND HIGHEST DEGREE, 1970--CONTINUED

SCIENTIFIC AND TECHNICAL FIELD AND EMPLOYMENT STATUS	TOTAL	HIGHEST DEGREE				LESS THAN BACHELOR'S DEGREE	NO REPORT OF DEGREE
		DOCTORATE	PROFESSIONAL MEDICAL	MASTER'S	BACHELOR'S		
BIOLOGICAL SCIENCES	47,493	24,334	6,985	10,303	5,719	27	125
FULL-TIME EMPLOYED	42,876	23,238	6,632	8,145	4,731	21	109
CIVILIAN	41,820	22,901	6,242	7,911	4,636	21	109
MILITARY	1,056	337	390	234	95	------	------
PART-TIME EMPLOYED	2,499	466	188	1,339	499	2	5
NOT EMPLOYED	1,425	351	47	632	386	2	7
SEEKING EMPLOYMENT	679	236	24	274	145	------	------
NOT SEEKING EMPLOYMENT	699	83	21	352	237	------	6
RETIRED	47	32	2	6	4	2	1
NO REPORT	693	279	118	187	103	2	4
PSYCHOLOGY	26,271	17,593	22	8,433	215	------	8
FULL-TIME EMPLOYED	23,309	16,273	19	6,845	167	------	5
CIVILIAN	23,068	16,129	18	6,750	166	------	5
MILITARY	241	144	1	95	1	------	------
PART-TIME EMPLOYED	1,689	735	2	929	20	------	3
NOT EMPLOYED	1,059	470	1	563	25	------	------
SEEKING EMPLOYMENT	255	100	------	147	8	------	------
NOT SEEKING EMPLOYMENT	427	113	1	300	13	------	------
RETIRED	377	257	------	116	4	------	------
NO REPORT	214	115	------	96	3	------	------
STATISTICS	2,953	1,157	2	1,256	532	------	6
FULL-TIME EMPLOYED	2,629	1,117	2	1,015	490	------	5
CIVILIAN	2,584	1,107	2	985	485	------	5
MILITARY	45	10	------	30	5	------	------
PART-TIME EMPLOYED	166	13	------	136	17	------	------
NOT EMPLOYED	127	21	------	83	22	------	1
SEEKING EMPLOYMENT	52	6	------	37	9	------	------
NOT SEEKING EMPLOYMENT	60	6	------	43	10	------	1
RETIRED	15	9	------	3	3	------	------
NO REPORT	31	6	------	22	3	------	------
ECONOMICS	13,386	7,225	------	5,008	1,082	9	62
FULL-TIME EMPLOYED	11,959	6,901	------	4,080	920	8	50
CIVILIAN	11,840	6,879	------	3,990	913	8	50
MILITARY	119	22	------	90	7	------	------
PART-TIME EMPLOYED	723	135	------	480	102	1	5
NOT EMPLOYED	543	127	------	371	41	------	4
SEEKING EMPLOYMENT	174	30	------	126	18	------	------
NOT SEEKING EMPLOYMENT	243	22	------	203	17	------	1
RETIRED	126	75	------	42	6	------	3
NO REPORT	161	62	------	77	19	------	3
SOCIOLOGY	7,658	3,690	------	3,181	758	------	29
FULL-TIME EMPLOYED	5,943	3,515	------	2,064	348	------	16
CIVILIAN	5,897	3,504	------	2,035	342	------	16
MILITARY	46	11	------	29	6	------	------
PART-TIME EMPLOYED	907	83	------	591	225	------	8
NOT EMPLOYED	612	52	------	418	137	------	5
SEEKING EMPLOYMENT	253	29	------	170	50	------	4
NOT SEEKING EMPLOYMENT	350	15	------	247	87	------	1
RETIRED	9	8	------	1	------	------	------
NO REPORT	196	40	------	108	48	------	------
POLITICAL SCIENCE	6,493	3,990	------	2,447	48	------	8
FULL-TIME EMPLOYED	5,552	3,772	------	1,734	39	------	7
CIVILIAN	5,462	3,747	------	1,669	39	------	7
MILITARY	90	25	------	65	------	------	------
PART-TIME EMPLOYED	518	83	------	430	5	------	------
NOT EMPLOYED	343	98	------	240	4	------	1
SEEKING EMPLOYMENT	185	41	------	142	2	------	------
NOT SEEKING EMPLOYMENT	108	12	------	94	1	------	1
RETIRED	50	45	------	4	1	------	------
NO REPORT	80	37	------	43	------	------	------
ANTHROPOLOGY	1,325	1,260	8	36	17	2	2
FULL-TIME EMPLOYED	1,188	1,151	4	25	7	1	------
CIVILIAN	1,186	1,149	4	25	7	1	------
MILITARY	2	2	------	------	------	------	------
PART-TIME EMPLOYED	43	36	3	1	3	------	------
NOT EMPLOYED	67	52	1	9	5	------	------
SEEKING EMPLOYMENT	8	7	------	1	------	------	------
NOT SEEKING EMPLOYMENT	19	16	1	2	------	------	------
RETIRED	40	29	------	6	5	------	------
NO REPORT	27	21	------	1	2	1	2
LINGUISTICS	1,902	1,134	1	585	161	2	19
FULL-TIME EMPLOYED	1,515	1,067	------	352	82	1	13
CIVILIAN	1,505	1,066	------	349	76	1	13
MILITARY	10	1	------	3	6	------	------
PART-TIME EMPLOYED	178	32	------	104	38	------	4
NOT EMPLOYED	187	26	1	119	38	1	2
SEEKING EMPLOYMENT	92	20	------	57	13	1	1
NOT SEEKING EMPLOYMENT	93	4	1	62	25	------	1
RETIRED	2	2	------	------	------	------	------
NO REPORT	22	9	------	10	3	------	------

SOURCE - NATIONAL REGISTER OF SCIENTIFIC AND TECHNICAL PERSONNEL, 1970.

TABLE A-5. NUMBER OF SCIENTISTS, BY FIELD, HIGHEST DEGREE, AND TYPE OF EMPLOYER, 1970

SCIENTIFIC AND TECHNICAL FIELD AND HIGHEST DEGREE	TOTAL	TYPE OF EMPLOYER								NOT EMPLOYED	NO REPORT OF TYPE OF EMPLOYER
		EDUCATIONAL INSTITUTIONS	FEDERAL GOVERNMENT	OTHER GOVERNMENT	NONPROFIT ORGANIZATIONS	INDUSTRY AND BUSINESS	SELF-EMPLOYED	MILITARY	OTHER		
ALL FIELDS - - - - - - - - - -	312,644	130,389	31,118	11,741	10,911	97,542	6,314	7,285	2,116	12,908	2,320
DOCTORATE - - - - - - - - - - - - -	125,234	75,109	9,119	2,978	5,086	25,861	2,181	995	733	2,648	524
PROFESSIONAL MEDICAL - - - - - - -	7,294	3,907	499	295	1,030	393	573	419	51	65	62
MASTER'S - - - - - - - - - - - - -	93,540	38,341	8,768	4,047	2,994	27,786	1,481	2,642	666	5,859	956
BACHELOR'S - - - - - - - - - - - -	83,740	12,743	12,321	4,336	1,732	42,272	1,981	2,792	643	4,171	749
LESS THAN BACHELOR'S - - - - - - -	575	16	99	18	11	278	27	82	8	34	2
NO REPORT - - - - - - - - - - - - -	2,261	273	312	67	58	952	71	355	15	131	27
CHEMISTRY - - - - - - - - - -	86,980	19,844	5,029	1,493	2,151	50,890	1,012	1,399	879	3,541	742
DOCTORATE - - - - - - - - - - - - -	29,985	10,734	1,558	298	909	14,771	291	195	245	829	155
PROFESSIONAL MEDICAL - - - - - - -	257	70	4	13	69	17	29	25	10	14	6
MASTER'S - - - - - - - - - - - - -	19,178	4,286	1,088	345	475	11,073	237	363	240	878	193
BACHELOR'S - - - - - - - - - - - -	36,514	4,714	2,327	814	680	24,231	424	816	375	1,759	374
LESS THAN BACHELOR'S - - - - - - -	230	5	7	3	2	193	6	------	1	12	1
NO REPORT - - - - - - - - - - - - -	816	35	45	20	16	605	25	------	8	49	13
EARTH & MARINE SCIENCES - - -	23,756	6,535	3,046	1,149	249	9,973	1,404	289	119	869	123
DOCTORATE - - - - - - - - - - - - -	5,555	3,386	709	154	101	972	108	18	25	72	10
PROFESSIONAL MEDICAL - - - - - - -	1	------	------	------	------	------	1	------	------	------	------
MASTER'S - - - - - - - - - - - - -	8,006	2,247	963	397	85	3,306	360	126	41	417	64
BACHELOR'S - - - - - - - - - - - -	9,910	882	1,346	586	59	5,527	899	144	49	369	49
LESS THAN BACHELOR'S - - - - - - -	76	3	9	4	------	43	12	------	2	3	------
NO REPORT - - - - - - - - - - - - -	208	17	19	8	4	125	24	1	2	8	------
ATMOSPHERIC & SPACE SCIENCES	6,637	1,017	2,053	118	96	768	45	2,131	16	341	52
DOCTORATE - - - - - - - - - - - - -	693	427	142	5	22	48	4	22	1	17	5
PROFESSIONAL MEDICAL - - - - - - -	2	------	------	------	------	------	2	------	------	------	------
MASTER'S - - - - - - - - - - - - -	1,882	367	524	31	46	212	17	548	4	116	17
BACHELOR'S - - - - - - - - - - - -	3,089	209	1,111	68	20	356	11	1,126	8	155	25
LESS THAN BACHELOR'S - - - - - - -	211	2	70	3	5	29	4	82	2	14	------
NO REPORT - - - - - - - - - - - - -	760	12	206	11	3	123	7	353	1	39	5
PHYSICS - - - - - - - - - - -	36,336	18,085	3,912	101	902	9,819	285	763	60	2,116	293
DOCTORATE - - - - - - - - - - - - -	16,631	9,744	1,433	35	496	4,231	148	113	48	357	26
PROFESSIONAL MEDICAL - - - - - - -	6	------	1	------	1	4	------	------	------	------	------
MASTER'S - - - - - - - - - - - - -	12,215	5,874	1,254	34	260	3,090	66	435	7	1,039	156
BACHELOR'S - - - - - - - - - - - -	7,392	2,404	1,223	32	145	2,479	70	215	5	711	108
LESS THAN BACHELOR'S - - - - - - -	------	------	------	------	------	------	------	------	------	------	------
NO REPORT - - - - - - - - - - - - -	92	63	1	------	------	15	1	------	------	9	3
MATHEMATICS - - - - - - - - -	24,400	14,020	1,243	249	488	6,364	192	574	137	1,041	92
DOCTORATE - - - - - - - - - - - - -	8,033	6,502	214	34	156	827	34	68	24	156	18
PROFESSIONAL MEDICAL - - - - - - -	5	3	1	------	------	------	------	------	------	1	------
MASTER'S - - - - - - - - - - - - -	11,975	6,705	618	123	230	3,028	79	367	69	697	59
BACHELOR'S - - - - - - - - - - - -	4,349	792	409	92	100	2,496	79	139	43	184	15
LESS THAN BACHELOR'S - - - - - - -	------	------	------	------	------	------	------	------	------	------	------
NO REPORT - - - - - - - - - - - - -	38	18	1	------	2	13	------	------	1	3	------
COMPUTER SCIENCES - - - - - -	11,324	1,603	882	160	401	7,462	134	283	63	326	10
DOCTORATE - - - - - - - - - - - - -	1,010	442	33	8	49	439	15	11	5	7	1
PROFESSIONAL MEDICAL - - - - - - -	1	------	------	------	------	1	------	------	------	------	------
MASTER'S - - - - - - - - - - - - -	4,859	750	321	57	190	3,114	63	191	31	137	5
BACHELOR'S - - - - - - - - - - - -	5,434	409	528	94	162	3,891	56	81	27	182	4
LESS THAN BACHELOR'S - - - - - - -	------	------	------	------	------	------	------	------	------	------	------
NO REPORT - - - - - - - - - - - - -	20	2	------	1	------	17	------	------	------	------	------
AGRICULTURAL SCIENCES - - -	15,730	3,563	5,725	2,633	212	2,581	354	199	75	311	77
DOCTORATE - - - - - - - - - - - - -	2,944	1,980	519	92	52	239	13	8	18	13	10
PROFESSIONAL MEDICAL - - - - - - -	4	2	------	------	1	------	1	------	------	------	------
MASTER'S - - - - - - - - - - - - -	4,176	1,194	1,291	681	72	604	87	51	25	140	31
BACHELOR'S - - - - - - - - - - - -	8,520	381	3,888	1,841	83	1,719	248	139	32	153	36
LESS THAN BACHELOR'S - - - - - - -	18	1	6	5	------	3	1	------	------	2	------
NO REPORT - - - - - - - - - - - - -	68	5	21	14	4	16	4	1	------	3	------

TABLE A-5. NUMBER OF SCIENTISTS, BY FIELD, HIGHEST DEGREE, AND TYPE OF EMPLOYER, 1970--CONTINUED

SCIENTIFIC AND TECHNICAL FIELD AND HIGHEST DEGREE	TOTAL	TYPE OF EMPLOYER								NOT EMPLOYED	NO REPORT OF TYPE OF EMPLOYER
		EDUCA-TIONAL INSTI-TUTIONS	FEDERAL GOVERN-MENT	OTHER GOVERN-MENT	NONPROFIT ORGANIZA-TIONS	INDUSTRY AND BUSINESS	SELF-EMPLOYED	MILITARY	OTHER		
BIOLOGICAL SCIENCES - - - - -	47,493	28,778	4,912	1,917	2,956	4,836	891	1,075	337	1,425	366
DOCTORATE - - - - - - - - - - - - -	24,334	16,503	2,485	562	1,319	2,378	126	342	138	351	130
PROFESSIONAL MEDICAL - - - - - - -	6,985	3,817	492	281	959	370	532	393	38	47	56
MASTER'S - - - - - - - - - - - - -	10,303	6,261	1,011	508	335	1,023	100	237	79	632	117
BACHELOR'S - - - - - - - - - - - -	5,719	2,137	913	556	321	1,037	127	103	79	386	60
LESS THAN BACHELOR'S - - - - - - -	27	4	5	3	3	5	3	------	1	2	1
NO REPORT - - - - - - - - - - - - -	125	56	6	7	19	23	3	------	2	7	2
PSYCHOLOGY - - - - - - - - -	26,271	14,865	1,549	2,550	2,072	1,943	1,637	246	166	1,059	184
DOCTORATE - - - - - - - - - - - - -	17,593	10,465	1,142	1,337	1,334	1,194	1,293	145	114	470	99
PROFESSIONAL MEDICAL - - - - - - -	22	9	------	1	------	------	8	1	2	1	------
MASTER'S - - - - - - - - - - - - -	8,433	4,319	385	1,172	723	723	317	99	50	563	82
BACHELOR'S - - - - - - - - - - - -	215	69	22	38	13	26	18	1	------	25	3
LESS THAN BACHELOR'S - - - - - - -	------	------	------	------	------	------	------	------	------	------	------
NO REPORT - - - - - - - - - - - - -	8	3	------	2	2	------	1	------	------	------	------
STATISTICS - - - - - - - - -	2,953	1,075	599	139	125	773	34	47	12	127	22
DOCTORATE - - - - - - - - - - - - -	1,157	776	96	19	38	180	11	10	2	21	4
PROFESSIONAL MEDICAL - - - - - - -	2	1	------	------	------	1	------	------	------	------	------
MASTER'S - - - - - - - - - - - - -	1,256	271	267	66	66	432	15	32	6	83	18
BACHELOR'S - - - - - - - - - - - -	532	24	234	54	21	160	8	5	4	22	------
LESS THAN BACHELOR'S - - - - - - -	------	------	------	------	------	------	------	------	------	------	------
NO REPORT - - - - - - - - - - - - -	6	3	2	------	------	------	------	------	------	1	------
ECONOMICS - - - - - - - - - -	13,386	7,845	1,513	684	530	1,822	214	124	47	543	64
DOCTORATE - - - - - - - - - - - - -	7,225	5,449	509	277	273	466	81	23	10	127	10
PROFESSIONAL MEDICAL - - - - - - -	------	------	------	------	------	------	------	------	------	------	------
MASTER'S - - - - - - - - - - - - -	5,008	2,127	724	307	202	1,014	95	92	30	371	46
BACHELOR'S - - - - - - - - - - - -	1,082	245	270	96	54	323	31	9	6	41	7
LESS THAN BACHELOR'S - - - - - - -	9	1	2	------	------	5	1	------	------	------	------
NO REPORT - - - - - - - - - - - - -	62	23	8	4	1	14	6	------	1	4	1
SOCIOLOGY - - - - - - - - - -	7,658	5,674	224	300	346	129	57	49	56	612	211
DOCTORATE - - - - - - - - - - - - -	3,690	3,229	90	69	138	42	24	11	20	52	15
PROFESSIONAL MEDICAL - - - - - - -	------	------	------	------	------	------	------	------	------	------	------
MASTER'S - - - - - - - - - - - - -	3,181	2,062	99	167	155	68	25	31	28	418	128
BACHELOR'S - - - - - - - - - - - -	758	367	35	64	48	18	8	7	8	137	66
LESS THAN BACHELOR'S - - - - - - -	------	------	------	------	------	------	------	------	------	------	------
NO REPORT - - - - - - - - - - - - -	29	16	------	------	5	1	------	------	------	5	2
POLITICAL SCIENCE - - - - - -	6,493	4,998	349	227	219	117	29	93	53	343	65
DOCTORATE - - - - - - - - - - - - -	3,990	3,421	147	72	119	45	14	26	18	98	30
PROFESSIONAL MEDICAL - - - - - - -	------	------	------	------	------	------	------	------	------	------	------
MASTER'S - - - - - - - - - - - - -	2,447	1,538	197	154	98	72	15	67	32	240	34
BACHELOR'S - - - - - - - - - - - -	48	32	5	1	2	------	------	------	3	4	1
LESS THAN BACHELOR'S - - - - - - -	------	------	------	------	------	------	------	------	------	------	------
NO REPORT - - - - - - - - - - - - -	8	7	------	------	------	------	------	------	------	1	------
ANTHROPOLOGY - - - - - - - -	1,325	1,070	29	14	37	11	16	2	72	67	7
DOCTORATE - - - - - - - - - - - - -	1,260	1,043	26	13	35	11	14	2	58	52	6
PROFESSIONAL MEDICAL - - - - - - -	8	5	1	------	------	------	------	------	1	1	------
MASTER'S - - - - - - - - - - - - -	36	14	1	1	------	------	1	------	10	9	------
BACHELOR'S - - - - - - - - - - - -	17	7	1	------	2	------	1	------	1	5	------
LESS THAN BACHELOR'S - - - - - - -	2	------	------	------	------	------	------	------	2	------	------
NO REPORT - - - - - - - - - - - - -	2	1	------	------	------	------	------	------	------	------	1
LINGUISTICS - - - - - - - - -	1,902	1,417	53	7	127	54	10	11	24	187	12
DOCTORATE - - - - - - - - - - - - -	1,134	1,008	16	3	45	18	5	1	7	26	5
PROFESSIONAL MEDICAL - - - - - - -	1	------	------	------	------	------	------	------	------	1	------
MASTER'S - - - - - - - - - - - - -	585	326	25	4	57	27	4	3	14	119	6
BACHELOR'S - - - - - - - - - - - -	161	71	9	------	22	9	1	7	3	38	1
LESS THAN BACHELOR'S - - - - - - -	2	------	------	------	1	------	------	------	------	1	------
NO REPORT - - - - - - - - - - - - -	19	12	3	------	2	------	------	------	------	2	------

SOURCE - NATIONAL REGISTER OF SCIENTIFIC AND TECHNICAL PERSONNEL, 1970.

TABLE A-6. NUMBER OF SCIENTISTS, BY FIELD, PRIMARY WORK ACTIVITY, AND HIGHEST DEGREE, 1970

SCIENTIFIC AND TECHNICAL FIELD AND PRIMARY WORK ACTIVITY	TOTAL	HIGHEST DEGREE				LESS THAN BACHELOR'S DEGREE	NO REPORT OF DEGREE
		DOCTORATE	PROFESSIONAL MEDICAL	MASTER'S	BACHELOR'S		
ALL FIELDS	312,644	125,234	7,294	93,540	83,740	575	2,261
RESEARCH AND DEVELOPMENT (A)	97,078	45,840	2,773	26,367	21,542	101	455
BASIC RESEARCH	44,544	27,308	1,479	8,653	6,900	23	181
APPLIED RESEARCH	40,704	16,568	1,291	13,892	8,730	51	172
MANAGEMENT OR ADMINISTRATION (B)	68,708	23,590	1,262	18,735	24,415	168	538
MANAGEMENT OR ADMINISTRATION OF RESEARCH AND DEVELOPMENT	29,723	13,961	599	7,559	7,374	55	175
TEACHING	72,408	41,313	1,143	23,715	6,112	9	116
PRODUCTION AND INSPECTION	16,086	916	31	3,750	11,057	69	263
CONSULTING	14,544	5,616	1,470	4,700	2,685	15	58
EXPLORATION, FORECASTING, AND REPORTING	14,535	1,265	19	4,900	7,688	139	524
OTHER	8,113	1,326	196	2,975	3,546	17	53
NOT EMPLOYED	12,908	2,648	65	5,859	4,171	34	131
NO REPORT	8,264	2,720	335	2,539	2,524	23	123
CHEMISTRY	86,980	29,985	257	19,176	36,514	230	818
RESEARCH AND DEVELOPMENT (A)	31,199	13,132	40	6,320	11,406	77	224
BASIC RESEARCH	12,668	6,727	24	2,093	3,767	13	44
APPLIED RESEARCH	11,530	5,171	16	2,462	3,751	38	92
MANAGEMENT OR ADMINISTRATION (B)	21,420	7,521	22	4,764	8,836	62	215
MANAGEMENT OR ADMINISTRATION OF RESEARCH AND DEVELOPMENT	11,462	5,496	7	2,313	3,524	27	95
TEACHING	10,263	6,144	20	2,503	1,581	1	14
PRODUCTION AND INSPECTION	13,438	800	16	2,823	9,508	59	232
CONSULTING	1,434	406	13	393	595	6	21
EXPLORATION, FORECASTING, AND REPORTING	810	202	2	225	375	------	6
OTHER	2,678	418	104	740	1,399	4	13
NOT EMPLOYED	3,541	829	14	878	1,759	12	49
NO REPORT	2,197	533	26	532	1,055	9	42
EARTH & MARINE SCIENCES	23,756	5,555	1	8,006	9,910	76	208
RESEARCH AND DEVELOPMENT (A)	3,922	1,593	------	1,329	963	7	30
BASIC RESEARCH	2,078	1,061	------	595	402	2	18
APPLIED RESEARCH	1,776	527	------	711	523	4	11
MANAGEMENT OR ADMINISTRATION (B)	4,099	858	------	1,206	1,964	20	51
MANAGEMENT OR ADMINISTRATION OF RESEARCH AND DEVELOPMENT	1,205	427	------	360	401	3	14
TEACHING	4,584	2,346	------	1,645	584	2	7
PRODUCTION AND INSPECTION	1,559	36	------	496	1,013	4	10
CONSULTING	798	96	------	235	458	3	6
EXPLORATION, FORECASTING, AND REPORTING	6,785	393	------	2,308	3,981	31	72
OTHER	345	16	------	113	212	1	3
NOT EMPLOYED	869	72	------	417	369	3	8
NO REPORT	795	145	1	257	366	5	21
ATMOSPHERIC & SPACE SCIENCES	6,637	693	2	1,882	3,089	211	760
RESEARCH AND DEVELOPMENT (A)	1,228	324	1	533	324	7	39
BASIC RESEARCH	532	188	1	193	130	4	16
APPLIED RESEARCH	691	136	------	340	190	3	22
MANAGEMENT OR ADMINISTRATION (B)	1,755	133	------	590	826	58	148
MANAGEMENT OR ADMINISTRATION OF RESEARCH AND DEVELOPMENT	450	93	------	186	142	8	21
TEACHING	467	194	------	141	111	4	17
PRODUCTION AND INSPECTION	110	------	------	24	65	6	15
CONSULTING	102	6	------	52	34	3	7
EXPLORATION, FORECASTING, AND REPORTING	2,193	9	------	318	1,323	106	437
OTHER	218	------	------	53	131	7	27
NOT EMPLOYED	341	17	------	116	155	14	39
NO REPORT	223	10	1	55	120	6	31

TABLE A-6. NUMBER OF SCIENTISTS, BY FIELD, PRIMARY WORK ACTIVITY, AND HIGHEST DEGREE, 1970--CONTINUED

SCIENTIFIC AND TECHNICAL FIELD AND PRIMARY WORK ACTIVITY	TOTAL	HIGHEST DEGREE				LESS THAN BACHELOR'S DEGREE	NO REPORT OF DEGREE
		DOCTORATE	PROFESSIONAL MEDICAL	MASTER'S	BACHELOR'S		
PHYSICS	36,336	16,631	6	12,215	7,392	------	92
RESEARCH AND DEVELOPMENT (A)	17,544	8,699	1	5,303	3,482	------	59
BASIC RESEARCH	9,216	5,608	------	2,241	1,322	------	45
APPLIED RESEARCH	6,329	2,721	------	2,220	1,380	------	8
MANAGEMENT OR ADMINISTRATION (B)	5,460	2,615	4	1,628	1,209	------	4
MANAGEMENT OR ADMINISTRATION OF RESEARCH AND DEVELOPMENT	3,661	1,941	3	994	719	------	4
TEACHING	8,418	4,189	------	3,210	1,008	------	11
PRODUCTION AND INSPECTION	240	29	------	79	131	------	1
CONSULTING	412	166	------	132	113	------	1
EXPLORATION, FORECASTING, AND REPORTING	775	127	------	286	362	------	------
OTHER	377	78	------	153	145	------	1
NOT EMPLOYED	2,116	357	------	1,039	711	------	9
NO REPORT	994	371	1	385	231	------	6
MATHEMATICS	24,400	8,033	5	11,975	4,349	------	38
RESEARCH AND DEVELOPMENT (A)	4,783	2,127	1	1,979	661	------	15
BASIC RESEARCH	2,082	1,473	1	526	71	------	11
APPLIED RESEARCH	2,224	609	------	1,191	421	------	3
MANAGEMENT OR ADMINISTRATION (B)	4,765	904	2	2,159	1,690	------	10
MANAGEMENT OR ADMINISTRATION OF RESEARCH AND DEVELOPMENT	1,816	358	1	844	609	------	4
TEACHING	10,602	4,399	1	5,509	686	------	7
PRODUCTION AND INSPECTION	146	4	------	59	83	------	------
CONSULTING	1,103	143	------	547	412	------	1
EXPLORATION, FORECASTING, AND REPORTING	743	61	------	375	306	------	1
OTHER	646	56	------	395	194	------	1
NOT EMPLOYED	1,041	156	1	697	184	------	3
NO REPORT	571	183	------	255	133	------	------
COMPUTER SCIENCES	11,324	1,010	1	4,859	5,434	------	20
RESEARCH AND DEVELOPMENT (A)	4,066	400	------	1,816	1,841	------	9
BASIC RESEARCH	245	91	------	106	48	------	------
APPLIED RESEARCH	2,035	245	------	985	799	------	6
MANAGEMENT OR ADMINISTRATION (B)	3,233	296	1	1,415	1,517	------	4
MANAGEMENT OR ADMINISTRATION OF RESEARCH AND DEVELOPMENT	1,585	201	------	677	704	------	3
TEACHING	431	213	------	169	48	------	1
PRODUCTION AND INSPECTION	133	------	------	40	92	------	1
CONSULTING	1,034	47	------	419	565	------	3
EXPLORATION, FORECASTING, AND REPORTING	1,397	14	------	533	848	------	2
OTHER	502	12	------	220	270	------	------
NOT EMPLOYED	326	7	------	137	182	------	------
NO REPORT	202	21	------	90	91	------	------
AGRICULTURAL SCIENCES	15,730	2,944	4	4,176	8,520	18	68
RESEARCH AND DEVELOPMENT (A)	3,444	1,387	1	1,258	791	------	7
BASIC RESEARCH	800	312	------	286	200	------	2
APPLIED RESEARCH	2,638	1,074	1	971	587	------	5
MANAGEMENT OR ADMINISTRATION (B)	8,857	688	2	1,828	6,274	13	52
MANAGEMENT OR ADMINISTRATION OF RESEARCH AND DEVELOPMENT	1,743	473	------	552	707	3	8
TEACHING	1,304	647	1	480	175	------	1
PRODUCTION AND INSPECTION	55	2	------	15	37	------	1
CONSULTING	94	2	------	26	66	------	------
EXPLORATION, FORECASTING, AND REPORTING	249	19	------	70	159	------	1
OTHER	992	109	------	253	626	3	1
NOT EMPLOYED	311	13	------	140	153	2	3
NO REPORT	424	77	------	106	239	------	2

TABLE A-6. NUMBER OF SCIENTISTS, BY FIELD, PRIMARY WORK ACTIVITY, AND HIGHEST DEGREE, 1970--CONTINUED

SCIENTIFIC AND TECHNICAL FIELD AND PRIMARY WORK ACTIVITY	TOTAL	HIGHEST DEGREE				LESS THAN BACHELOR'S DEGREE	NO REPORT OF DEGREE
		DOCTORATE	PROFESSIONAL MEDICAL	MASTER'S	BACHELOR'S		
BIOLOGICAL SCIENCES	47,493	24,334	6,985	10,303	5,719	27	125
RESEARCH AND DEVELOPMENT (A)	18,605	11,514	2,719	2,872	1,444	8	48
BASIC RESEARCH	12,544	8,655	1,446	1,666	743	3	31
APPLIED RESEARCH	6,055	2,858	1,271	1,205	699	5	17
MANAGEMENT OR ADMINISTRATION (B)	8,195	3,903	1,228	1,589	1,437	9	29
MANAGEMENT OR ADMINISTRATION OF RESEARCH AND DEVELOPMENT	3,894	2,478	586	495	319	5	11
TEACHING	14,206	7,317	1,115	4,282	1,473	2	17
PRODUCTION AND INSPECTION	90	10	15	26	39	------	------
CONSULTING	2,166	248	1,449	176	284	1	8
EXPLORATION, FORECASTING, AND REPORTING	314	117	17	103	75	1	1
OTHER	1,144	245	90	393	411	2	3
NOT EMPLOYED	1,425	351	47	632	386	2	7
NO REPORT	1,348	629	305	230	170	2	12
PSYCHOLOGY	26,271	17,593	22	8,433	215	------	8
RESEARCH AND DEVELOPMENT (A)	6,102	3,312	7	2,720	63	------	3
BASIC RESEARCH	1,679	1,509	5	154	10	------	1
APPLIED RESEARCH	4,150	1,629	2	2,469	48	------	2
MANAGEMENT OR ADMINISTRATION (B)	4,928	3,498	------	1,384	46	------	------
MANAGEMENT OR ADMINISTRATION OF RESEARCH AND DEVELOPMENT	1,578	1,230	------	334	14	------	------
TEACHING	6,808	5,629	4	1,156	19	------	------
PRODUCTION AND INSPECTION	13	2	------	10	------	------	1
CONSULTING	6,448	4,156	8	2,225	55	------	4
EXPLORATION, FORECASTING, AND REPORTING	95	61	------	32	2	------	------
OTHER	328	172	2	150	4	------	------
NOT EMPLOYED	1,059	470	1	563	25	------	------
NO REPORT	494	295	------	195	4	------	------
STATISTICS	2,953	1,157	2	1,256	532	------	6
RESEARCH AND DEVELOPMENT (A)	767	308	1	348	109	------	1
BASIC RESEARCH	182	113	------	58	10	------	1
APPLIED RESEARCH	546	190	1	266	89	------	------
MANAGEMENT OR ADMINISTRATION (B)	570	166	1	246	156	------	1
MANAGEMENT OR ADMINISTRATION OF RESEARCH AND DEVELOPMENT	286	104	------	122	59	------	1
TEACHING	579	472	------	104	2	------	1
PRODUCTION AND INSPECTION	115	4	------	63	48	------	------
CONSULTING	329	133	------	149	46	------	1
EXPLORATION, FORECASTING, AND REPORTING	317	23	------	184	110	------	------
OTHER	69	4	------	39	26	------	------
NOT EMPLOYED	127	21	------	83	22	------	1
NO REPORT	80	26	------	40	13	------	1
ECONOMICS	13,386	7,225	------	5,008	1,082	9	62
RESEARCH AND DEVELOPMENT (A)	2,746	1,516	------	985	236	1	8
BASIC RESEARCH	782	487	------	232	62	------	1
APPLIED RESEARCH	1,840	988	------	692	154	1	5
MANAGEMENT OR ADMINISTRATION (B)	2,937	1,459	------	1,110	349	5	14
MANAGEMENT OR ADMINISTRATION OF RESEARCH AND DEVELOPMENT	1,168	609	------	415	134	3	7
TEACHING	5,288	3,562	------	1,553	156	------	17
PRODUCTION AND INSPECTION	186	29	------	114	41	------	2
CONSULTING	463	150	------	241	65	2	5
EXPLORATION, FORECASTING, AND REPORTING	532	126	------	289	114	------	3
OTHER	358	103	------	197	55	------	3
NOT EMPLOYED	543	127	------	371	41	------	4
NO REPORT	333	153	------	148	25	1	6

TABLE A-6. NUMBER OF SCIENTISTS, BY FIELD, PRIMARY WORK ACTIVITY, AND HIGHEST DEGREE, 1970--CONTINUED

SCIENTIFIC AND TECHNICAL FIELD AND PRIMARY WORK ACTIVITY	TOTAL	HIGHEST DEGREE				LESS THAN BACHELOR'S DEGREE	NO REPORT OF DEGREE
		DOCTORATE	PROFESSIONAL MEDICAL	MASTER'S	BACHELOR'S		
SOCIOLOGY	7,658	3,690	------	3,181	758	------	29
RESEARCH AND DEVELOPMENT (A)	1,426	725	------	519	176	------	6
BASIC RESEARCH	847	470	------	272	100	------	5
APPLIED RESEARCH	577	254	------	246	76	------	1
MANAGEMENT OR ADMINISTRATION (B)	1,056	600	------	366	84	------	6
MANAGEMENT OR ADMINISTRATION OF RESEARCH AND DEVELOPMENT	448	255	------	151	37	------	5
TEACHING	3,921	2,153	------	1,542	215	------	11
PRODUCTION AND INSPECTION	------	------	------	------	------	------	------
CONSULTING	39	4	------	26	9	------	------
EXPLORATION, FORECASTING, AND REPORTING	83	18	------	46	19	------	------
OTHER	200	39	------	112	48	------	1
NOT EMPLOYED	612	52	------	418	137	------	5
NO REPORT	321	99	------	152	70	------	------
POLITICAL SCIENCE	6,493	3,990	------	2,447	48	------	8
RESEARCH AND DEVELOPMENT (A)	682	382	------	294	5	------	1
BASIC RESEARCH	441	265	------	171	4	------	1
APPLIED RESEARCH	199	95	------	103	1	------	------
MANAGEMENT OR ADMINISTRATION (B)	1,069	668	------	392	9	------	------
MANAGEMENT OR ADMINISTRATION OF RESEARCH AND DEVELOPMENT	298	195	------	98	5	------	------
TEACHING	3,787	2,593	------	1,165	23	------	6
PRODUCTION AND INSPECTION	------	------	------	------	------	------	------
CONSULTING	93	42	------	51	------	------	------
EXPLORATION, FORECASTING, AND REPORTING	149	44	------	102	3	------	------
OTHER	186	58	------	126	2	------	------
NOT EMPLOYED	343	98	------	240	4	------	1
NO REPORT	184	105	------	77	2	------	------
ANTHROPOLOGY	1,325	1,260	8	36	17	2	2
RESEARCH AND DEVELOPMENT (A)	282	267	2	5	8	------	------
BASIC RESEARCH	246	232	2	5	7	------	------
APPLIED RESEARCH	35	34	------	------	1	------	------
MANAGEMENT OR ADMINISTRATION (B)	149	140	2	5	1	1	------
MANAGEMENT OR ADMINISTRATION OF RESEARCH AND DEVELOPMENT	71	64	2	3	1	1	------
TEACHING	739	723	2	12	1	------	1
PRODUCTION AND INSPECTION	------	------	------	------	------	------	------
CONSULTING	9	8	------	1	------	------	------
EXPLORATION, FORECASTING, AND REPORTING	35	29	------	4	1	1	------
OTHER	8	8	------	------	------	------	------
NOT EMPLOYED	67	52	1	9	5	------	------
NO REPORT	36	33	1	------	1	------	1
LINGUISTICS	1,902	1,134	1	585	161	2	19
RESEARCH AND DEVELOPMENT (A)	282	154	------	86	36	1	5
BASIC RESEARCH	202	117	------	55	24	1	5
APPLIED RESEARCH	79	37	------	31	11	------	------
MANAGEMENT OR ADMINISTRATION (B)	215	141	------	53	17	------	4
MANAGEMENT OR ADMINISTRATION OF RESEARCH AND DEVELOPMENT	58	37	------	15	4	------	2
TEACHING	1,013	732	------	246	30	------	5
PRODUCTION AND INSPECTION	1	------	------	1	------	------	------
CONSULTING	22	11	------	7	3	------	1
EXPLORATION, FORECASTING, AND REPORTING	58	22	------	25	10	------	1
OTHER	62	8	------	31	23	------	------
NOT EMPLOYED	187	26	1	119	38	1	2
NO REPORT	62	40	------	17	4	------	1

(A)INCLUDES DEVELOPMENT OR DESIGN.
(B)INCLUDES MANAGEMENT OR ADMINISTRATION OF OTHER THAN RESEARCH AND DEVELOPMENT.

SOURCE - NATIONAL REGISTER OF SCIENTIFIC AND TECHNICAL PERSONNEL, 1970.

TABLE A-7. NUMBER OF SCIENTISTS, BY FIELD, YEARS OF PROFESSIONAL EXPERIENCE, AND HIGHEST DEGREE, 1970

SCIENTIFIC AND TECHNICAL FIELD AND YEARS OF PROFESSIONAL EXPERIENCE	TOTAL	HIGHEST DEGREE				LESS THAN BACHELOR'S DEGREE	NO REPORT OF DEGREE
		DOCTORATE	PROFESSIONAL MEDICAL	MASTER'S	BACHELOR'S		
ALL FIELDS	312,644	125,234	7,294	93,540	83,740	575	2,261
1 OR LESS	10,794	4,052	93	3,271	3,356	1	21
2 TO 4	44,968	16,009	482	15,930	12,484	6	57
5 TO 9	57,757	23,361	1,028	19,102	14,139	7	120
10 TO 14	44,330	18,333	1,206	13,581	10,791	70	349
15 TO 19	36,242	15,929	996	9,928	8,983	69	337
20 TO 24	30,422	12,395	957	8,034	8,601	61	364
25 TO 29	15,657	6,460	588	3,730	4,565	60	254
30 TO 34	13,066	5,553	456	3,139	3,676	82	160
35 TO 39	6,953	3,155	253	1,705	1,720	65	95
40 OR MORE	5,703	3,049	182	1,208	1,086	57	121
NO REPORT	46,712	16,938	1,043	13,912	14,339	97	383
CHEMISTRY	86,980	29,985	257	19,178	36,514	230	816
1 OR LESS	4,051	1,212	41	640	2,156	------	2
2 TO 4	11,828	3,871	56	2,383	5,513	------	5
5 TO 9	12,228	4,749	27	2,752	4,686	------	14
10 TO 14	9,607	3,824	15	2,205	3,456	18	89
15 TO 19	9,250	3,480	13	2,215	3,429	20	93
20 TO 24	8,604	2,547	10	2,133	3,786	18	109
25 TO 29	5,804	1,911	3	1,207	2,564	27	92
30 TO 34	4,853	1,526	7	1,094	2,101	40	85
35 TO 39	2,471	850	4	557	974	27	59
40 OR MORE	1,921	786	4	344	580	30	77
NO REPORT	16,363	5,229	77	3,548	7,267	50	192
EARTH & MARINE SCIENCES	23,756	5,555	1	8,006	9,910	76	208
1 OR LESS	899	87	------	273	532	------	7
2 TO 4	2,880	619	------	1,182	1,064	5	10
5 TO 9	3,641	1,148	------	1,568	911	2	12
10 TO 14	3,914	998	------	1,447	1,443	2	24
15 TO 19	4,058	785	------	1,287	1,960	3	23
20 TO 24	3,436	630	------	880	1,880	3	43
25 TO 29	1,099	328	------	272	473	5	21
30 TO 34	1,142	298	------	262	541	18	23
35 TO 39	592	154	1	174	236	17	10
40 OR MORE	554	203	------	103	222	14	12
NO REPORT	1,541	305	------	558	648	7	23
ATMOSPHERIC & SPACE SCIENCES	6,637	693	2	1,882	3,089	211	760
1 OR LESS	313	22	------	59	231	1	------
2 TO 4	847	79	------	253	514	1	------
5 TO 9	957	107	------	302	532	2	14
10 TO 14	921	85	1	266	347	41	181
15 TO 19	866	95	------	246	307	43	175
20 TO 24	748	87	------	175	290	36	160
25 TO 29	819	85	------	234	358	26	116
30 TO 34	324	39	------	106	123	22	34
35 TO 39	77	15	------	22	26	7	7
40 OR MORE	72	8	------	21	28	8	7
NO REPORT	693	71	1	198	333	24	66
PHYSICS	36,336	16,631	6	12,215	7,392	------	92
1 OR LESS	1,807	755	------	729	316	------	7
2 TO 4	6,214	2,649	------	2,059	1,487	------	19
5 TO 9	8,275	3,837	------	2,743	1,671	------	24
10 TO 14	5,334	2,570	1	1,772	986	------	5
15 TO 19	3,703	2,110	1	1,084	506	------	2
20 TO 24	2,718	1,417	2	858	436	------	5
25 TO 29	1,468	810	------	381	274	------	3
30 TO 34	1,097	655	1	281	159	------	1
35 TO 39	574	337	------	183	53	------	1
40 OR MORE	577	367	------	160	49	------	1
NO REPORT	4,489	1,124	1	1,965	1,375	------	24
MATHEMATICS	24,400	8,033	5	11,975	4,349	------	38
1 OR LESS	325	325	------	------	------	------	------
2 TO 4	4,114	1,292	1	2,326	491	------	4
5 TO 9	6,467	1,912	1	3,330	1,204	------	11
10 TO 14	4,226	1,233	------	2,147	839	------	7
15 TO 19	2,675	896	------	1,212	563	------	4
20 TO 24	2,140	736	------	977	427	------	2
25 TO 29	933	357	1	410	163	------	2
30 TO 34	816	303	------	370	143	------	------
35 TO 39	515	205	------	228	81	------	1
40 OR MORE	459	230	1	168	58	------	2
NO REPORT	1,735	548	1	807	376	------	3

TABLE A-7. NUMBER OF SCIENTISTS, BY FIELD, YEARS OF PROFESSIONAL EXPERIENCE, AND HIGHEST DEGREE, 1970--CONTINUED

SCIENTIFIC AND TECHNICAL FIELD AND YEARS OF PROFESSIONAL EXPERIENCE	TOTAL	HIGHEST DEGREE				LESS THAN BACHELOR'S DEGREE	NO REPORT OF DEGREE
		DOCTORATE	PROFESSIONAL MEDICAL	MASTER'S	BACHELOR'S		
COMPUTER SCIENCES	11,324	1,010	1	4,859	5,434	------	20
1 OR LESS	21	21	------	------	------	------	------
2 TO 4	1,747	134	------	955	658	------	------
5 TO 9	3,729	230	1	1,481	2,008	------	9
10 TO 14	2,622	215	------	1,056	1,346	------	5
15 TO 19	1,302	146	------	583	573	------	------
20 TO 24	711	123	------	315	272	------	1
25 TO 29	213	40	------	101	72	------	------
30 TO 34	103	26	------	46	31	------	------
35 TO 39	32	9	------	14	9	------	------
40 OR MORE	13	6	------	4	3	------	------
NO REPORT	831	60	------	304	462	------	5
AGRICULTURAL SCIENCES	15,730	2,944	4	4,176	8,520	18	68
1 OR LESS	179	74	------	105	------	------	------
2 TO 4	1,743	229	------	541	973	------	------
5 TO 9	2,590	378	1	629	1,574	------	8
10 TO 14	2,336	379	------	542	1,402	2	11
15 TO 19	1,753	375	1	467	903	------	7
20 TO 24	1,726	380	------	454	862	1	9
25 TO 29	619	140	------	155	318	1	5
30 TO 34	614	145	1	162	302	2	2
35 TO 39	361	69	------	92	190	5	5
40 OR MORE	171	61	------	52	57	------	1
NO REPORT	3,638	714	1	977	1,919	7	20
BIOLOGICAL SCIENCES	47,493	24,334	6,985	10,303	5,719	27	125
1 OR LESS	1,139	839	52	248	------	------	------
2 TO 4	6,118	2,921	424	1,617	1,150	------	6
5 TO 9	8,321	4,119	994	2,102	1,095	3	8
10 TO 14	6,773	3,458	1,145	1,428	676	7	19
15 TO 19	5,550	3,163	977	938	454	1	17
20 TO 24	4,343	2,253	952	709	407	3	19
25 TO 29	2,232	1,130	584	328	181	------	9
30 TO 34	1,897	1,021	441	271	159	------	5
35 TO 39	1,120	639	246	136	88	4	7
40 OR MORE	865	518	174	115	50	3	5
NO REPORT	9,135	4,273	956	2,411	1,459	6	30
PSYCHOLOGY	26,271	17,593	22	8,433	215	------	8
1 OR LESS	532	331	------	201	------	------	------
2 TO 4	3,340	2,018	1	1,321	------	------	------
5 TO 9	5,102	3,352	2	1,707	36	------	5
10 TO 14	4,244	2,834	2	1,375	33	------	------
15 TO 19	3,861	2,791	4	1,045	21	------	------
20 TO 24	2,784	2,002	3	749	29	------	1
25 TO 29	1,048	754	------	283	11	------	------
30 TO 34	883	671	4	198	10	------	------
35 TO 39	493	368	1	118	6	------	------
40 OR MORE	484	356	------	126	1	------	1
NO REPORT	3,500	2,116	5	1,310	68	------	1
STATISTICS	2,953	1,157	2	1,256	532	------	6
1 OR LESS	50	50	------	------	------	------	------
2 TO 4	509	194	------	290	25	------	------
5 TO 9	622	248	------	287	87	------	------
10 TO 14	491	202	2	181	106	------	------
15 TO 19	369	139	------	163	67	------	------
20 TO 24	317	116	------	128	70	------	3
25 TO 29	153	47	------	52	53	------	1
30 TO 34	167	53	------	68	45	------	1
35 TO 39	57	21	------	21	15	------	------
40 OR MORE	38	20	------	7	11	------	------
NO REPORT	200	67	------	79	53	------	1
ECONOMICS	13,386	7,225	------	5,008	1,082	9	62
1 OR LESS	446	132	------	312	------	------	2
2 TO 4	2,102	804	------	1,024	271	------	3
5 TO 9	2,603	1,428	------	975	193	------	7
10 TO 14	1,807	1,085	------	607	112	------	3
15 TO 19	1,336	828	------	399	99	2	8
20 TO 24	1,605	1,056	------	436	105	------	8
25 TO 29	694	421	------	188	80	1	4
30 TO 34	638	396	------	183	56	------	3
35 TO 39	378	225	------	114	34	3	2
40 OR MORE	356	243	------	76	23	2	12
NO REPORT	1,421	607	------	694	109	1	10

TABLE A-7. NUMBER OF SCIENTISTS, BY FIELD, YEARS OF PROFESSIONAL EXPERIENCE, AND HIGHEST DEGREE, 1970--CONTINUED

SCIENTIFIC AND TECHNICAL FIELD AND YEARS OF PROFESSIONAL EXPERIENCE	TOTAL	HIGHEST DEGREE				LESS THAN BACHELOR'S DEGREE	NO REPORT OF DEGREE
		DOCTORATE	PROFESSIONAL MEDICAL	MASTER'S	BACHELOR'S		
SOCIOLOGY	7,658	3,690	------	3,181	758	------	29
1 OR LESS	497	69	------	319	109	------	1
2 TO 4	1,676	418	------	969	281	------	8
5 TO 9	1,434	682	------	650	98	------	4
10 TO 14	905	593	------	278	31	------	3
15 TO 19	627	451	------	161	13	------	2
20 TO 24	562	448	------	102	10	------	2
25 TO 29	251	190	------	49	12	------	------
30 TO 34	203	160	------	38	3	------	2
35 TO 39	124	101	------	19	4	------	------
40 OR MORE	95	80	------	11	2	------	2
NO REPORT	1,284	498	------	585	196	------	5
POLITICAL SCIENCE	6,493	3,990	------	2,447	48	------	8
1 OR LESS	462	103	------	357	------	------	2
2 TO 4	1,433	529	------	888	15	------	1
5 TO 9	1,215	759	------	440	16	------	------
10 TO 14	659	453	------	202	3	------	1
15 TO 19	545	431	------	111	2	------	1
20 TO 24	480	385	------	93	2	------	------
25 TO 29	211	157	------	51	2	------	1
30 TO 34	224	175	------	48	------	------	1
35 TO 39	118	97	------	20	1	------	------
40 OR MORE	108	96	------	12	------	------	------
NO REPORT	1,038	805	------	225	7	------	1
ANTHROPOLOGY	1,325	1,260	8	36	17	2	2
1 OR LESS	16	15	------	1	------	------	------
2 TO 4	139	137	------	2	------	------	------
5 TO 9	227	223	2	1	1	------	------
10 TO 14	202	201	------	1	------	------	------
15 TO 19	124	123	------	1	------	------	------
20 TO 24	113	106	------	6	1	------	------
25 TO 29	43	35	------	5	3	------	------
30 TO 34	43	39	2	2	------	------	------
35 TO 39	40	29	1	4	3	2	1
40 OR MORE	48	40	3	2	2	------	1
NO REPORT	330	312	------	11	7	------	------
LINGUISTICS	1,902	1,134	1	585	161	2	19
1 OR LESS	57	17	------	27	13	------	------
2 TO 4	278	115	------	120	42	------	1
5 TO 9	351	189	------	135	23	------	4
10 TO 14	289	203	------	74	11	------	1
15 TO 19	163	118	------	36	6	------	3
20 TO 24	135	111	------	19	2	------	3
25 TO 29	70	55	------	14	1	------	------
30 TO 34	62	46	------	10	3	------	3
35 TO 39	41	36	------	3	------	------	2
40 OR MORE	42	35	------	7	------	------	------
NO REPORT	414	209	1	140	60	2	2

SOURCE - NATIONAL REGISTER OF SCIENTIFIC AND TECHNICAL PERSONNEL, 1970.

TABLE A-9. NUMBER OF SCIENTISTS, BY FIELD, AGE, AND TYPE OF EMPLOYER, 1970

SCIENTIFIC AND TECHNICAL FIELD AND AGE	TOTAL	TYPE OF EMPLOYER								NOT EMPLOYED	NO REPORT OF TYPE OF EMPLOYER
		EDUCATIONAL INSTITUTIONS	FEDERAL GOVERNMENT	OTHER GOVERNMENT	NONPROFIT ORGANIZATIONS	INDUSTRY AND BUSINESS	SELF-EMPLOYED	MILITARY	OTHER		
ALL FIELDS	312,644	130,389	31,118	11,741	10,911	97,542	6,314	7,335	2,116	12,908	2,327
24 AND UNDER	6,785	3,113	236	167	114	1,464	19	614	38	857	163
25-29	52,679	24,026	3,120	1,835	1,190	13,388	233	2,910	344	4,506	823
30-34	57,477	28,106	5,199	2,063	1,931	17,489	432	1,316	371	2,232	368
35-39	47,318	20,526	5,092	1,807	1,748	14,941	729	987	280	972	186
40-44	44,613	17,465	4,749	1,688	1,795	15,938	1,104	745	244	694	142
45-49	39,051	14,479	4,567	1,519	1,598	14,275	1,108	407	293	546	165
50-54	27,450	9,565	3,733	1,097	946	9,831	841	222	169	445	131
55-59	18,464	6,933	2,529	764	553	6,275	680	82	134	352	90
60-64	10,879	4,542	1,315	430	418	2,977	499	31	91	464	72
65-69	6,737	2,136	427	175	168	583	346	2	42	832	58
70 AND OVER	2,263	559	83	53	91	216	918	-------	30	851	62
NO REPORT	928	395	62	41	38	215	35	19	5	98	18
CHEMISTRY	86,990	19,866	5,029	1,491	2,151	50,890	1,012	1,399	874	3,541	742
24 AND UNDER	3,687	1,538	95	77	66	1,110	4	315	29	382	76
25-29	15,724	5,960	485	281	357	6,755	40	786	178	1,169	319
30-34	13,473	3,320	697	200	336	7,813	52	152	144	371	82
35-39	10,599	2,569	689	154	276	6,460	56	44	90	189	42
40-44	11,790	1,898	710	177	339	7,760	106	32	101	111	36
45-49	11,168	1,621	781	167	324	7,819	128	24	125	123	42
50-54	9,074	1,281	703	157	212	6,301	145	20	97	130	33
55-59	6,183	858	487	131	118	4,250	138	6	51	119	29
60-64	3,364	675	251	86	82	1,990	111	4	34	159	22
65-69	1,339	309	100	37	20	368	103	-------	20	361	26
70 AND OVER	437	119	16	7	16	124	119	-------	16	389	37
NO REPORT	247	40	15	4	5	126	5	1	4	22	6
EARTH & MARINE SCIENCES	23,756	6,595	5,046	1,140	249	9,073	1,404	289	114	869	1,13
24 AND UNDER	583	288	27	30	-------	138	1	33	2	57	7
25-29	2,729	1,088	228	157	22	721	23	147	19	287	42
30-34	3,307	1,327	412	180	58	1,073	41	36	18	142	20
35-39	3,900	1,154	503	243	44	1,665	160	24	18	67	13
40-44	4,433	838	551	195	29	2,396	293	33	21	63	14
45-49	3,752	695	515	173	39	1,932	302	12	17	68	7
50-54	2,187	458	396	86	16	989	190	3	9	45	5
55-59	1,426	296	230	67	15	817	149	-------	12	42	3
60-64	831	217	126	19	15	305	106	1	6	33	6
65-69	360	112	48	11	6	80	76	-------	2	33	2
70 AND OVER	180	78	9	5	3	43	61	-------	-------	27	3
NO REPORT	60	24	5	1	-------	20	4	-------	-------	5	1
ATMOSPHERIC & SPACE SCIENCES	6,637	1,517	2,053	119	96	768	45	2,131	16	341	57
24 AND UNDER	237	58	19	3	-------	13	-------	103	-------	37	4
25-29	1,150	227	145	12	12	84	-------	580	2	76	12
30-34	1,062	209	207	22	14	116	2	461	4	26	5
35-39	895	116	243	9	11	156	3	396	1	12	4
40-44	856	99	255	11	16	113	7	320	5	24	3
45-49	852	116	347	27	19	141	8	158	-------	32	4
50-54	874	111	456	16	18	121	9	94	1	38	10
55-59	416	49	257	10	4	57	3	13	2	15	6
60-64	199	22	109	5	2	17	5	2	1	35	1
65-69	56	7	12	2	-------	3	5	-------	-------	24	3
70 AND OVER	19	3	-------	-------	-------	-------	2	-------	-------	14	-------
NO REPORT	19	2	3	1	-------	1	1	6	-------	5	-------
PHYSICS	36,336	18,045	3,912	101	902	9,819	295	763	60	2,116	295
24 AND UNDER	1,041	620	44	-------	8	72	-------	77	1	184	37
25-29	8,440	4,519	616	25	125	1,563	16	941	16	1,044	175
30-34	8,752	4,375	921	27	211	2,565	35	160	17	401	40
35-39	5,720	2,760	680	12	172	1,827	32	91	14	116	15
40-44	4,317	1,985	560	7	127	1,454	31	60	7	87	4
45-49	3,550	1,609	403	16	119	1,194	37	76	6	52	8
50-54	1,878	829	293	5	65	608	34	4	2	35	3
55-59	1,212	676	176	4	35	354	34	1	1	29	4
60-64	781	416	88	2	27	179	27	-------	2	41	1
65-69	451	237	42	3	11	58	23	-------	-------	98	3
70 AND OVER	122	60	8	-------	4	10	16	-------	1	23	-------
NO REPORT	63	40	5	-------	-------	7	-------	3	-------	6	2
MATHEMATICS	26,400	16,020	1,263	240	489	6,384	192	576	137	1,041	92
24 AND UNDER	173	115	5	1	3	23	2	9	1	14	-------
25-29	5,161	3,160	199	36	77	1,004	15	206	30	334	23
30-34	5,975	3,548	231	51	102	1,563	26	124	21	285	26
35-39	4,065	2,158	207	43	80	1,256	35	124	32	123	12
40-44	3,144	1,627	184	33	81	1,015	46	84	15	69	10
45-49	2,219	1,128	163	33	69	716	21	30	15	43	5
50-54	1,429	829	100	16	43	362	16	10	10	28	8
55-59	1,072	683	90	22	18	212	16	3	7	21	4
60-64	700	478	42	16	11	110	6	1	3	31	4
65-69	315	228	9	7	2	16	10	1	1	40	1
70 AND OVER	114	52	1	1	2	3	4	-------	2	48	1
NO REPORT	33	16	3	-------	-------	6	1	2	-------	5	-------

TABLE A-8. NUMBER OF SCIENTISTS, BY FIELD, AGE, AND TYPE OF EMPLOYER, 1970--CONTINUED

SCIENTIFIC AND TECHNICAL FIELD AND AGE	TOTAL	TYPE OF EMPLOYER								NOT EMPLOYED	NO REPORT OF TYPE OF EMPLOYER
		EDUCA-TIONAL INSTI-TUTIONS	FEDERAL GOVERN-MENT	OTHER GOVERN-MENT	NONPROFIT ORGANIZA-TIONS	INDUSTRY AND BUSINESS	SELF-EMPLOYED	MILITARY	OTHER		
COMPUTER SCIENCES - - - - - -	11,324	1,603	882	160	401	7,462	134	283	63	326	10
24 AND UNDER - - - - - - - - - - - -	136	49	6	1	3	58	1	12	------	6	------
25-29 - - - - - - - - - - - - - -	2,809	481	163	32	75	1,792	16	123	18	106	3
30-34 - - - - - - - - - - - - - -	3,171	433	221	43	111	2,158	31	50	22	100	2
35-39 - - - - - - - - - - - - - -	2,298	286	171	26	75	1,609	31	51	4	43	2
40-44 - - - - - - - - - - - - - -	1,514	181	124	28	70	1,010	22	36	7	35	1
45-49 - - - - - - - - - - - - - -	840	115	93	17	35	537	14	7	7	14	1
50-54 - - - - - - - - - - - - - -	331	32	54	7	19	191	11	2	4	10	1
55-59 - - - - - - - - - - - - - -	141	17	34	4	12	67	1	------	1	5	------
60-64 - - - - - - - - - - - - - -	47	6	13	1	1	19	4	1	------	2	------
65-69 - - - - - - - - - - - - - -	10	1	2	1	------	2	1	------	------	3	------
70 AND OVER - - - - - - - - - - -	2	------	------	------	------	1	1	------	------	------	------
NO REPORT - - - - - - - - - - - -	25	2	1	------	------	18	1	1	------	2	------
AGRICULTURAL SCIENCES - - - -	15,730	3,563	5,725	2,633	212	2,581	354	199	75	311	77
24 AND UNDER - - - - - - - - - - - -	135	22	12	16	1	12	5	36	1	30	------
25-29 - - - - - - - - - - - - - -	2,217	444	591	479	18	326	42	142	16	136	18
30-34 - - - - - - - - - - - - - -	2,812	491	1,123	556	30	481	45	12	13	47	12
35-39 - - - - - - - - - - - - - -	2,586	511	1,152	406	29	396	49	1	13	20	9
40-44 - - - - - - - - - - - - - -	2,230	490	860	367	31	408	46	4	7	12	5
45-49 - - - - - - - - - - - - - -	2,169	529	763	356	34	403	51	1	11	10	11
50-54 - - - - - - - - - - - - - -	1,676	496	552	239	31	296	40	------	1	9	13
55-59 - - - - - - - - - - - - - -	1,110	307	431	134	22	166	30	2	6	9	3
60-64 - - - - - - - - - - - - - -	571	193	199	54	11	61	23	------	4	21	3
65-69 - - - - - - - - - - - - - -	153	66	30	15	3	14	13	------	1	8	3
70 AND OVER - - - - - - - - - - -	47	6	5	4	2	9	8	------	2	6	------
NO REPORT - - - - - - - - - - - -	46	10	7	10	------	13	2	1	------	3	------
BIOLOGICAL SCIENCES - - - - -	47,493	28,778	4,912	1,917	2,956	4,836	891	1,075	337	1,425	366
24 AND UNDER - - - - - - - - - - - -	345	201	5	19	15	8	3	18	3	63	10
25-29 - - - - - - - - - - - - - -	6,148	3,774	329	261	280	456	22	320	56	573	77
30-34 - - - - - - - - - - - - - -	8,345	5,213	800	315	439	816	55	234	61	346	66
35-39 - - - - - - - - - - - - - -	7,825	4,899	829	293	488	848	124	136	47	120	41
40-44 - - - - - - - - - - - - - -	7,707	4,767	836	239	520	871	163	121	46	98	56
45-49 - - - - - - - - - - - - - -	6,371	3,717	766	261	449	797	145	100	45	58	33
50-54 - - - - - - - - - - - - - -	4,411	2,544	573	211	281	519	122	71	22	41	27
55-59 - - - - - - - - - - - - - -	3,060	1,767	384	157	209	317	105	50	27	42	22
60-64 - - - - - - - - - - - - - -	1,984	1,189	241	101	156	154	71	21	15	27	13
65-69 - - - - - - - - - - - - - -	871	530	109	45	76	25	44	------	6	25	11
70 AND OVER - - - - - - - - - - -	271	114	28	10	34	14	30	------	3	31	7
NO REPORT - - - - - - - - - - - -	155	89	12	5	11	11	7	4	2	11	3
PSYCHOLOGY - - - - - - - - -	26,271	14,865	1,549	2,550	2,072	1,943	1,637	246	166	1,059	184
24 AND UNDER - - - - - - - - - - - -	41	21	3	4	6	5	------	1	------	1	------
25-29 - - - - - - - - - - - - - -	2,551	1,476	95	309	218	170	14	95	14	144	19
30-34 - - - - - - - - - - - - - -	4,313	2,664	186	429	352	330	111	41	29	144	30
35-39 - - - - - - - - - - - - - -	4,348	2,634	211	439	369	324	196	25	25	110	15
40-44 - - - - - - - - - - - - - -	4,731	2,613	318	456	389	417	350	42	31	87	28
45-49 - - - - - - - - - - - - - -	4,006	2,199	264	373	317	344	349	26	26	72	36
50-54 - - - - - - - - - - - - - -	2,536	1,373	217	234	171	189	245	10	21	52	20
55-59 - - - - - - - - - - - - - -	1,670	960	133	149	116	93	155	4	5	43	12
60-64 - - - - - - - - - - - - - -	1,052	569	95	86	67	44	112	------	8	62	9
65-69 - - - - - - - - - - - - - -	528	228	24	40	31	18	51	1	2	128	5
70 AND OVER - - - - - - - - - - -	366	66	3	19	23	4	45	------	3	195	8
NO REPORT - - - - - - - - - - - -	129	64	2	10	13	5	9	1	2	21	2
STATISTICS - - - - - - - - -	2,953	1,075	599	139	125	773	34	47	12	127	22
24 AND UNDER - - - - - - - - - - - -	16	7	------	1	2	4	------	1	------	1	------
25-29 - - - - - - - - - - - - - -	472	194	50	11	12	124	1	28	3	41	8
30-34 - - - - - - - - - - - - - -	630	294	75	19	23	158	4	10	4	34	9
35-39 - - - - - - - - - - - - - -	476	198	77	15	21	137	3	3	1	19	2
40-44 - - - - - - - - - - - - - -	411	119	94	16	23	149	3	3	1	2	1
45-49 - - - - - - - - - - - - - -	353	103	87	23	16	106	9	2	1	4	2
50-54 - - - - - - - - - - - - - -	241	65	90	22	15	42	2	------	1	4	------
55-59 - - - - - - - - - - - - - -	203	51	85	16	11	33	4	------	1	2	------
60-64 - - - - - - - - - - - - - -	110	32	30	11	2	19	6	------	------	10	------
65-69 - - - - - - - - - - - - - -	23	8	6	2	------	------	1	------	------	6	------
70 AND OVER - - - - - - - - - - -	12	2	2	3	------	------	1	------	------	4	------
NO REPORT - - - - - - - - - - - -	6	2	3	------	------	1	------	------	------	------	------
ECONOMICS - - - - - - - - - -	13,386	7,865	1,513	684	530	1,822	214	124	47	563	64
24 AND UNDER - - - - - - - - - - - -	110	44	8	3	2	16	1	7	------	25	4
25-29 - - - - - - - - - - - - - -	1,901	1,134	142	101	66	246	8	69	6	108	21
30-34 - - - - - - - - - - - - - -	2,421	1,437	229	137	107	370	20	11	6	91	13
35-39 - - - - - - - - - - - - - -	1,995	1,218	246	101	91	267	17	8	12	40	5
40-44 - - - - - - - - - - - - - -	1,779	1,051	169	73	74	283	24	17	8	24	3
45-49 - - - - - - - - - - - - - -	1,704	1,028	201	92	69	256	29	8	4	17	2
50-54 - - - - - - - - - - - - - -	1,401	823	219	71	52	191	21	2	3	16	3
55-59 - - - - - - - - - - - - - -	960	546	167	60	42	97	31	1	3	12	1
60-64 - - - - - - - - - - - - - -	586	323	88	34	19	69	18	1	2	26	6
65-69 - - - - - - - - - - - - - -	303	167	33	11	9	17	15	------	2	48	1
70 AND OVER - - - - - - - - - - -	153	44	8	2	5	7	28	------	1	54	4
NO REPORT - - - - - - - - - - - -	49	30	3	2	4	5	2	------	------	2	1

TABLE A-8. NUMBER OF SCIENTISTS, BY FIELD, AGE, AND TYPE OF EMPLOYER, 1970--CONTINUED

SCIENTIFIC AND TECHNICAL FIELD AND AGE	TOTAL	TYPE OF EMPLOYER								NOT EMPLOYED	NO REPORT OF TYPE OF EMPLOYER
		EDUCA-TIONAL INSTI-TUTIONS	FEDERAL GOVERN-MENT	OTHER GOVERN-MENT	NONPROFIT ORGANIZA-TIONS	INDUSTRY AND BUSINESS	SELF-EMPLOYED	MILITARY	OTHER		
SOCIOLOGY	7,657	5,674	224	299	346	129	57	49	56	612	211
24 AND UNDER	179	83	9	9	8	2	------	4	3	40	21
25-29	1,716	1,095	28	84	69	26	6	27	16	266	99
30-34	1,320	985	26	47	51	22	4	7	10	127	41
35-39	1,088	865	24	40	44	22	8	5	6	57	17
40-44	976	772	37	32	47	17	5	3	2	49	12
45-49	875	683	34	32	49	19	9	3	6	30	10
50-54	602	496	22	14	31	14	3	------	2	17	3
55-59	432	341	19	23	22	2	10	------	6	7	2
60-64	262	201	13	11	16	5	4	------	2	6	4
65-69	123	97	9	1	6	------	4	------	2	3	1
70 AND OVER	39	26	2	1	1	------	3	------	------	6	------
NO REPORT	45	30	1	5	2	------	1	------	1	4	1
POLITICAL SCIENCE	6,493	4,998	349	227	219	117	29	93	53	343	65
24 AND UNDER	78	53	3	5	2	3	------	1	2	4	5
25-29	1,270	892	52	52	44	33	------	37	13	132	15
30-34	1,363	1,077	65	35	37	17	6	18	15	76	17
35-39	975	802	48	29	27	15	4	11	5	29	5
40-44	740	587	41	31	23	16	3	10	2	21	6
45-49	745	584	56	29	29	11	3	9	6	16	2
50-54	538	417	36	23	24	10	2	5	6	9	6
55-59	356	271	27	14	20	8	5	2	2	4	3
60-64	227	187	16	3	8	3	3	------	------	5	2
65-69	112	84	2	4	3	1	------	------	1	15	2
70 AND OVER	54	21	1	------	1	------	3	------	------	26	2
NO REPORT	35	23	2	2	1	------	------	------	1	6	------
ANTHROPOLOGY	1,325	1,070	29	14	37	11	16	2	72	67	7
24 AND UNDER	1	1	------	------	------	------	------	------	------	------	------
25-29	34	30	------	------	1	------	------	1	2	------	------
30-34	167	152	3	1	3	------	------	------	3	3	2
35-39	211	190	2	1	2	1	1	------	9	3	2
40-44	276	240	6	6	6	1	2	------	10	5	------
45-49	209	169	4	3	12	4	2	------	11	3	1
50-54	153	114	7	2	8	3	3	1	9	6	------
55-59	100	78	4	------	2	------	1	------	12	3	------
60-64	80	58	3	------	2	1	3	------	10	3	------
65-69	47	28	------	1	------	1	2	------	4	11	------
70 AND OVER	37	8	------	------	------	------	1	------	2	26	------
NO REPORT	10	2	------	------	1	------	1	------	------	4	2
LINGUISTICS	1,902	1,417	53	7	127	54	10	11	24	187	12
24 AND UNDER	30	13	------	------	------	------	1	2	------	13	1
25-29	282	172	5	1	14	8	------	8	2	71	1
30-34	366	275	5	------	27	9	2	------	4	41	3
35-39	330	249	10	2	27	14	------	------	3	24	1
40-44	263	202	4	------	20	8	3	------	6	17	3
45-49	236	183	8	3	19	6	1	1	8	7	------
50-54	131	103	8	1	10	3	------	------	------	5	1
55-59	123	103	7	------	7	2	------	------	------	3	1
60-64	83	72	5	------	1	1	------	------	------	3	1
65-69	38	32	1	------	1	2	------	------	1	1	------
70 AND OVER	15	10	------	------	------	1	2	------	------	2	------
NO REPORT	5	3	------	------	1	------	1	------	------	------	------

SOURCE - NATIONAL REGISTER OF SCIENTIFIC AND TECHNICAL PERSONNEL, 1970.

TABLE A-9A. NUMBER OF SCIENTISTS, BY FIELD, PRIMARY WORK ACTIVITY, AND TYPE OF EMPLOYER, 1970

SCIENTIFIC AND TECHNICAL FIELD AND PRIMARY WORK ACTIVITY	TOTAL	TYPE OF EMPLOYER								NOT EMPLOYED	NO REPORT OF TYPE OF EMPLOYER
		EDUCATIONAL INSTITUTIONS	FEDERAL GOVERNMENT	OTHER GOVERNMENT	NONPROFIT ORGANIZATIONS	INDUSTRY AND BUSINESS	SELF-EMPLOYED	MILITARY	OTHER		
ALL FIELDS - - - - - - - - - - -	312,644	130,389	31,118	11,741	10,911	97,542	6,314	7,285	2,116	12,908	2,320
RESEARCH AND DEVELOPMENT (A) - - -	97,078	39,843	12,860	3,016	4,601	33,803	535	1,422	668	------	330
BASIC RESEARCH - - - - - - - - -	48,544	28,764	9,538	1,062	2,173	5,655	147	630	366	------	209
APPLIED RESEARCH - - - - - - - -	40,704	10,543	6,643	1,709	2,231	18,155	312	694	237	------	100
MANAGEMENT OR ADMINISTRATION (B) -	68,708	11,938	11,417	4,829	3,051	33,321	857	2,635	482	------	178
MANAGEMENT OR ADMINISTRATION OF RESEARCH AND DEVELOPMENT - -	29,723	3,997	4,794	1,433	1,520	16,779	265	692	175	------	68
TEACHING - - - - - - - - - - - -	72,408	70,302	355	361	265	274	65	404	214	------	168
PRODUCTION AND INSPECTION - - - -	16,086	203	952	556	231	13,437	257	254	166	------	30
CONSULTING - - - - - - - - - - -	14,544	2,672	968	1,275	1,562	4,258	3,225	289	196	------	99
EXPLORATION, FORECASTING, AND REPORTING - - - - - - - - -	14,535	840	2,592	690	481	7,783	795	1,206	114	------	34
OTHER - - - - - - - - - - - - -	8,113	1,755	1,245	707	426	2,796	306	644	193	------	41
NOT EMPLOYED - - - - - - - - - -	12,908	------	------	------	------	------	------	------	------	12,908	------
NO REPORT - - - - - - - - - - -	8,264	2,836	729	307	294	1,870	274	431	83	------	1,440
CHEMISTRY - - - - - - - - - -	86,980	19,844	5,029	1,493	2,151	50,890	1,012	1,399	879	3,541	742
RESEARCH AND DEVELOPMENT (A) - - -	31,199	7,673	2,472	387	935	18,970	105	273	259	------	130
BASIC RESEARCH - - - - - - - - -	12,668	6,819	1,241	214	539	3,457	36	143	129	------	90
APPLIED RESEARCH - - - - - - - -	11,530	798	1,041	127	328	8,989	39	99	85	------	24
MANAGEMENT OR ADMINISTRATION (B) -	21,420	1,238	1,369	417	969	16,944	171	493	176	------	47
MANAGEMENT OR ADMINISTRATION OF RESEARCH AND DEVELOPMENT - -	11,462	382	910	114	321	9,457	78	109	67	------	24
TEACHING - - - - - - - - - - - -	10,263	9,906	61	36	37	62	4	81	55	------	21
PRODUCTION AND INSPECTION - - - -	13,438	144	686	425	198	11,525	125	162	152	------	21
CONSULTING - - - - - - - - - - -	1,494	96	46	32	36	775	412	20	55	------	22
EXPLORATION, FORECASTING, AND REPORTING - - - - - - - - -	810	47	107	28	152	399	28	20	25	------	4
OTHER - - - - - - - - - - - - -	2,678	376	193	119	146	1,387	112	215	116	------	14
NOT EMPLOYED - - - - - - - - - -	3,541	------	------	------	------	------	------	------	------	3,541	------
NO REPORT - - - - - - - - - - -	2,197	426	99	56	78	828	55	135	41	------	483
EARTH & MARINE SCIENCES - - -	23,756	6,535	3,046	1,149	249	9,973	1,404	289	119	869	123
RESEARCH AND DEVELOPMENT (A) - - -	3,922	1,224	1,366	279	114	818	57	41	37	------	6
BASIC RESEARCH - - - - - - - - -	2,078	952	715	113	69	162	36	19	27	------	5
APPLIED RESEARCH - - - - - - - -	1,776	268	635	152	66	631	18	27	7	------	1
MANAGEMENT OR ADMINISTRATION (B) -	4,099	478	739	295	67	2,267	119	112	19	------	3
MANAGEMENT OR ADMINISTRATION OF RESEARCH AND DEVELOPMENT - -	1,205	170	350	85	32	491	30	26	5	------	------
TEACHING - - - - - - - - - - - -	4,584	4,476	23	12	7	23	2	25	12	------	4
PRODUCTION AND INSPECTION - - - -	1,559	9	130	105	1	1,183	101	18	5	------	7
CONSULTING - - - - - - - - - - -	798	12	27	21	4	339	376	6	12	------	1
EXPLORATION, FORECASTING, AND REPORTING - - - - - - - - -	6,785	101	587	554	49	4,963	466	27	22	------	16
OTHER - - - - - - - - - - - - -	365	63	89	49	2	112	21	21	8	------	------
NOT EMPLOYED - - - - - - - - - -	869	------	------	------	------	------	------	------	------	869	------
NO REPORT - - - - - - - - - - -	795	192	65	36	5	260	82	30	4	------	86
ATMOSPHERIC & SPACE SCIENCES	6,637	1,017	2,053	110	96	768	45	2,131	16	341	52
RESEARCH AND DEVELOPMENT (A) - - -	1,228	505	385	21	90	158	4	96	5	------	4
BASIC RESEARCH - - - - - - - - -	532	328	112	6	24	23	2	31	3	------	3
APPLIED RESEARCH - - - - - - - -	691	177	272	15	26	131	2	65	2	------	1
MANAGEMENT OR ADMINISTRATION (B) -	1,755	83	631	38	27	107	9	777	1	------	2
MANAGEMENT OR ADMINISTRATION OF RESEARCH AND DEVELOPMENT - -	490	93	216	11	19	60	1	87	1	------	2
TEACHING - - - - - - - - - - - -	467	360	23	6	------	10	1	64	1	------	2
PRODUCTION AND INSPECTION - - - -	110	2	23	3	3	38	3	37	------	------	1
CONSULTING - - - - - - - - - - -	162	1	18	3	2	27	11	99	------	------	1
EXPLORATION, FORECASTING, AND REPORTING - - - - - - - - -	2,193	27	869	36	10	279	12	952	6	------	2
OTHER - - - - - - - - - - - - -	218	15	55	7	------	36	2	101	2	------	------
NOT EMPLOYED - - - - - - - - - -	341	------	------	------	------	------	------	------	------	341	------
NO REPORT - - - - - - - - - - -	223	24	48	4	4	33	3	65	1	------	40

TABLE A-9A. NUMBER OF SCIENTISTS, BY FIELD, PRIMARY WORK ACTIVITY, AND TYPE OF EMPLOYER, 1970--CONTINUED

SCIENTIFIC AND TECHNICAL FIELD AND PRIMARY WORK ACTIVITY	TOTAL	TYPE OF EMPLOYER								NOT EMPLOYED	NO REPORT OF TYPE OF EMPLOYER
		EDUCA-TIONAL INSTI-TUTIONS	FEDERAL GOVERN-MENT	OTHER GOVERN-MENT	NONPROFIT ORGANIZA-TIONS	INDUSTRY AND BUSINESS	SELF-EMPLOYED	MILITARY	OTHER		
PHYSICS	36,336	18,085	3,912	101	902	9,819	285	763	60	2,116	293
RESEARCH AND DEVELOPMENT (A)	17,564	7,933	2,549	48	545	6,111	84	225	42	------	7
BASIC RESEARCH	9,216	6,605	1,101	27	197	1,126	29	87	37	------	7
APPLIED RESEARCH	6,329	1,153	1,225	17	309	3,470	37	114	4	------	------
MANAGEMENT OR ADMINISTRATION (B)	5,460	1,197	1,000	22	231	2,654	56	288	9	------	3
MANAGEMENT OR ADMINISTRATION OF RESEARCH AND DEVELOPMENT	3,661	564	826	5	162	1,931	34	135	3	------	1
TEACHING	8,418	8,308	17	2	15	29	2	36	5	------	4
PRODUCTION AND INSPECTION	240	6	10	2	6	196	10	9	1	------	------
CONSULTING	412	27	39	9	17	208	108	3	------	------	2
EXPLORATION, FORECASTING, AND REPORTING	775	186	142	5	45	330	9	56	1	------	------
OTHER	377	56	76	10	25	133	8	68	1	------	------
NOT EMPLOYED	2,116	------	------	------	------	------	------	------	------	2,116	------
NO REPORT	994	372	79	3	18	158	8	78	1	------	277
MATHEMATICS	24,400	14,020	1,243	249	488	6,364	192	574	137	1,041	92
RESEARCH AND DEVELOPMENT (A)	4,783	2,175	554	40	245	1,625	19	86	36	------	3
BASIC RESEARCH	2,082	1,778	90	17	47	121	6	11	11	------	1
APPLIED RESEARCH	2,224	365	409	16	144	1,153	13	64	15	------	1
MANAGEMENT OR ADMINISTRATION (B)	4,765	891	376	86	155	2,923	22	272	34	------	6
MANAGEMENT OR ADMINISTRATION OF RESEARCH AND DEVELOPMENT	1,816	166	223	26	99	1,201	9	82	8	------	2
TEACHING	10,602	10,349	45	41	7	57	12	55	28	------	8
PRODUCTION AND INSPECTION	146	7	13	11	3	103	1	6	2	------	------
CONSULTING	1,103	50	32	15	26	836	116	10	16	------	2
EXPLORATION, FORECASTING, AND REPORTING	743	76	135	28	21	407	11	59	7	------	1
OTHER	646	223	45	16	18	261	3	68	12	------	------
NOT EMPLOYED	1,041	------	------	------	------	------	------	------	------	1,041	------
NO REPORT	571	251	43	12	13	152	8	18	2	------	72
COMPUTER SCIENCES	11,324	1,603	882	160	401	7,462	136	283	63	326	10
RESEARCH AND DEVELOPMENT (A)	4,066	593	311	47	182	2,835	17	51	26	------	4
BASIC RESEARCH	245	136	27	------	9	68	1	4	------	------	------
APPLIED RESEARCH	2,035	312	178	31	136	1,327	9	25	16	------	1
MANAGEMENT OR ADMINISTRATION (B)	3,233	363	269	52	118	2,271	14	132	13	------	1
MANAGEMENT OR ADMINISTRATION OF RESEARCH AND DEVELOPMENT	1,585	133	137	14	78	1,178	9	32	3	------	1
TEACHING	431	370	5	1	------	42	2	10	------	------	1
PRODUCTION AND INSPECTION	133	3	19	------	4	96	------	10	1	------	------
CONSULTING	1,034	42	35	6	27	824	87	9	4	------	------
EXPLORATION, FORECASTING, AND REPORTING	1,397	147	182	36	44	924	9	45	12	------	------
OTHER	502	49	36	11	21	355	5	20	4	------	1
NOT EMPLOYED	326	------	------	------	------	------	------	------	------	326	------
NO REPORT	202	36	25	9	5	115	------	6	3	------	3
AGRICULTURAL SCIENCES	15,730	3,563	5,725	2,633	212	2,581	354	199	75	311	77
RESEARCH AND DEVELOPMENT (A)	3,444	1,503	1,138	438	27	279	11	22	13	------	13
BASIC RESEARCH	800	359	307	94	3	13	3	9	4	------	4
APPLIED RESEARCH	2,638	1,144	829	339	26	263	8	13	9	------	9
MANAGEMENT OR ADMINISTRATION (B)	8,857	582	3,916	1,873	130	1,995	237	65	32	------	27
MANAGEMENT OR ADMINISTRATION OF RESEARCH AND DEVELOPMENT	1,763	306	516	547	61	280	32	4	11	------	6
TEACHING	1,304	1,189	32	27	7	11	1	12	15	------	10
PRODUCTION AND INSPECTION	55	1	11	1	2	36	3	1	------	------	------
CONSULTING	94	4	16	29	1	23	19	2	------	------	------
EXPLORATION, FORECASTING, AND REPORTING	249	12	153	30	13	24	6	7	2	------	2
OTHER	992	183	338	186	26	144	55	48	10	------	2
NOT EMPLOYED	311	------	------	------	------	------	------	------	------	311	------
NO REPORT	424	89	121	49	6	69	22	42	3	------	23

TABLE A-9A. NUMBER OF SCIENTISTS, BY FIELD, PRIMARY WORK ACTIVITY, AND TYPE OF EMPLOYER, 1970--CONTINUED

SCIENTIFIC AND TECHNICAL FIELD AND PRIMARY WORK ACTIVITY	TOTAL	TYPE OF EMPLOYER								NOT EMPLOYED	NO REPORT OF TYPE OF EMPLOYER
		EDUCA-TIONAL INSTI-TUTIONS	FEDERAL GOVERN-MENT	OTHER GOVERN-MENT	NONPROFIT ORGANIZA-TIONS	INDUSTRY AND BUSINESS	SELF-EMPLOYED	MILITARY	OTHER		
BIOLOGICAL SCIENCES - - - - -	47,493	28,778	4,912	1,917	2,956	4,836	891	1,075	337	1,425	366
RESEARCH AND DEVELOPMENT (A) - -	18,605	11,034	2,765	709	1,407	1,909	68	491	125	------	97
BASIC RESEARCH - - - - - - - - -	12,544	8,459	1,632	388	1,011	559	28	295	101	------	71
APPLIED RESEARCH - - - - - - - -	6,055	2,574	1,132	319	394	1,350	40	196	24	------	26
MANAGEMENT OR ADMINISTRATION (B)	8,195	2,477	1,524	708	655	2,263	147	303	79	------	39
MANAGEMENT OR ADMINISTRATION OF RESEARCH AND DEVELOPMENT -	3,894	986	824	196	273	1,374	37	158	29	------	17
TEACHING - - - - - - - - - - - -	14,206	13,725	80	86	121	20	12	40	62	------	60
PRODUCTION AND INSPECTION - - -	90	12	8	4	8	50	3	2	3	------	------
CONSULTING - - - - - - - - - - -	2,166	418	131	157	540	163	559	138	36	------	24
EXPLORATION, FORECASTING, AND REPORTING - - - - - - - - -	314	62	78	19	42	81	17	10	1	------	4
OTHER - - - - - - - - - - - - -	1,144	350	202	171	87	205	44	61	16	------	8
NOT EMPLOYED - - - - - - - - - -	1,425	------	------	------	------	------	------	------	------	1,425	------
NO REPORT - - - - - - - - - - -	1,348	700	124	63	96	145	41	30	15	------	134
PSYCHOLOGY - - - - - - - - - -	26,271	14,865	1,549	2,550	2,072	1,943	1,637	246	166	1,059	184
RESEARCH AND DEVELOPMENT (A) - -	6,102	3,716	474	603	518	500	126	91	45	------	29
BASIC RESEARCH - - - - - - - - -	1,679	1,232	144	99	104	46	12	25	7	------	10
APPLIED RESEARCH - - - - - - - -	4,150	2,395	310	460	390	375	104	63	34	------	19
MANAGEMENT OR ADMINISTRATION (B)	4,928	2,219	474	778	592	690	37	66	44	------	28
MANAGEMENT OR ADMINISTRATION OF RESEARCH AND DEVELOPMENT -	1,578	537	244	164	211	343	13	36	21	------	9
TEACHING - - - - - - - - - - - -	6,806	6,554	24	103	41	14	21	22	11	------	16
PRODUCTION AND INSPECTION - - -	13	6	------	1	------	3	3	------	------	------	------
CONSULTING - - - - - - - - - - -	6,446	1,946	518	952	848	644	1,378	56	59	------	45
EXPLORATION, FORECASTING, AND REPORTING - - - - - - - - -	95	42	14	9	10	10	6	2	------	------	2
OTHER - - - - - - - - - - - - -	328	137	22	59	28	40	29	8	3	------	2
NOT EMPLOYED - - - - - - - - - -	1,059	------	------	------	------	------	------	------	------	1,059	------
NO REPORT - - - - - - - - - - -	494	245	23	45	35	42	37	1	4	------	62
STATISTICS - - - - - - - - - -	2,953	1,075	599	139	125	773	34	47	12	127	22
RESEARCH AND DEVELOPMENT (A) - -	767	275	159	38	52	220	1	17	2	------	3
BASIC RESEARCH - - - - - - - - -	182	131	18	5	5	21	------	1	------	------	1
APPLIED RESEARCH - - - - - - - -	546	144	127	31	45	178	1	16	2	------	2
MANAGEMENT OR ADMINISTRATION (B)	570	82	191	51	31	200	3	10	2	------	------
MANAGEMENT OR ADMINISTRATION OF RESEARCH AND DEVELOPMENT -	286	43	86	33	20	96	3	5	------	------	------
TEACHING - - - - - - - - - - - -	579	569	8	------	------	------	1	1	------	------	------
PRODUCTION AND INSPECTION - - -	115	1	28	------	2	81	1	1	1	------	------
CONSULTING - - - - - - - - - - -	329	78	59	6	10	145	22	6	2	------	1
EXPLORATION, FORECASTING, AND REPORTING - - - - - - - - -	317	31	115	37	24	94	5	7	3	------	1
OTHER - - - - - - - - - - - - -	69	10	26	4	2	21	1	3	2	------	------
NOT EMPLOYED - - - - - - - - - -	127	------	------	------	------	------	------	------	------	127	------
NO REPORT - - - - - - - - - - -	80	29	13	3	4	12	------	2	------	------	17
ECONOMICS - - - - - - - - - -	13,386	7,845	1,513	684	530	1,822	214	124	47	543	64
RESEARCH AND DEVELOPMENT (A) - -	2,746	1,320	531	282	248	292	37	15	16	------	5
BASIC RESEARCH - - - - - - - - -	782	520	102	54	61	36	7	------	1	------	1
APPLIED RESEARCH - - - - - - - -	1,840	783	396	202	178	228	24	13	14	------	4
MANAGEMENT OR ADMINISTRATION (B)	2,937	983	621	245	193	792	31	49	18	------	5
MANAGEMENT OR ADMINISTRATION OF RESEARCH AND DEVELOPMENT -	1,168	263	330	138	114	293	13	9	6	------	2
TEACHING - - - - - - - - - - - -	5,288	5,210	15	14	10	5	2	26	2	------	4
PRODUCTION AND INSPECTION - - -	186	11	24	4	4	126	7	8	1	------	1
CONSULTING - - - - - - - - - - -	463	32	34	20	21	241	109	------	5	------	1
EXPLORATION, FORECASTING, AND REPORTING - - - - - - - - -	532	23	141	72	29	247	9	8	2	------	1
OTHER - - - - - - - - - - - - -	358	102	108	32	13	78	10	12	2	------	1
NOT EMPLOYED - - - - - - - - - -	543	------	------	------	------	------	------	------	------	543	------
NO REPORT - - - - - - - - - - -	333	164	39	15	12	41	9	6	1	------	46

TABLE A-9A. NUMBER OF SCIENTISTS, BY FIELD, PRIMARY WORK ACTIVITY, AND TYPE OF EMPLOYER, 1970--CONTINUED

SCIENTIFIC AND TECHNICAL FIELD AND PRIMARY WORK ACTIVITY	TOTAL	TYPE OF EMPLOYER								NOT EMPLOYED	NO REPORT OF TYPE OF EMPLOYER
		EDUCA-TIONAL INSTI-TUTIONS	FEDERAL GOVERN-MENT	OTHER GOVERN-MENT	NONPROFIT ORGANIZA-TIONS	INDUSTRY AND BUSINESS	SELF-EMPLOYED	MILITARY	OTHER		
SOCIOLOGY	7,658	5,674	224	30[illegible]	346	129	57	49	56	612	211
RESEARCH AND DEVELOPMENT (A)	1,426	1,006	85	92	138	43	19	8	16	------	19
BASIC RESEARCH	847	716	27	29	43	5	6	3	8	------	10
APPLIED RESEARCH	577	290	57	62	95	38	13	5	8	------	9
MANAGEMENT OR ADMINISTRATION (B)	1,056	551	103	123	146	73	11	21	22	------	6
MANAGEMENT OR ADMINISTRATION OF RESEARCH AND DEVELOPMENT	448	189	58	64	73	42	6	6	5	------	1
TEACHING	3,921	3,842	3	19	15	1	2	6	5	------	28
PRODUCTION AND INSPECTION	------	------	------	------	------	------	------	------	------	------	------
CONSULTING	39	12	1	12	6	1	5	------	2	------	------
EXPLORATION, FORECASTING, AND REPORTING	83	30	12	14	8	1	10	4	3	------	1
OTHER	200	103	8	29	23	8	7	7	4	------	11
NOT EMPLOYED	612	------	------	------	------	------	------	------	------	612	------
NO REPORT	321	130	12	11	10	2	3	3	4	------	146
POLITICAL SCIENCE	6,493	4,998	349	227	219	117	29	93	53	343	65
RESEARCH AND DEVELOPMENT (A)	682	483	49	33	70	22	------	5	12	------	8
BASIC RESEARCH	441	378	9	9	23	8	------	2	7	------	5
APPLIED RESEARCH	199	89	25	17	46	12	------	3	5	------	2
MANAGEMENT OR ADMINISTRATION (B)	1,069	564	174	131	93	39	------	44	14	------	10
MANAGEMENT OR ADMINISTRATION OF RESEARCH AND DEVELOPMENT	298	140	49	30	51	19	------	2	4	------	3
TEACHING	3,787	3,719	15	11	2	------	2	26	4	------	8
PRODUCTION AND INSPECTION	------	------	------	------	------	------	------	------	------	------	------
CONSULTING	93	10	8	14	14	27	15	------	5	------	------
EXPLORATION, FORECASTING, AND REPORTING	149	32	46	23	15	14	3	8	8	------	------
OTHER	186	74	45	12	20	10	7	8	8	------	2
NOT EMPLOYED	343	------	------	------	------	------	------	------	------	343	------
NO REPORT	184	116	12	3	5	5	2	2	2	------	37
ANTHROPOLOGY	1,325	1,C70	29	14	37	11	16	2	72	67	7
RESEARCH AND DEVELOPMENT (A)	282	210	14	4	13	4	4	------	32	------	1
BASIC RESEARCH	246	195	9	3	7	2	------	------	30	------	------
APPLIED RESEARCH	35	14	5	1	6	2	4	------	2	------	1
MANAGEMENT OR ADMINISTRATION (B)	149	96	11	7	16	5	------	1	13	------	------
MANAGEMENT OR ADMINISTRATION OF RESEARCH AND DEVELOPMENT	71	32	10	5	10	5	------	1	8	------	------
TEACHING	739	731	------	2	------	------	1	------	5	------	------
PRODUCTION AND INSPECTION	------	------	------	------	------	------	------	------	------	------	------
CONSULTING	9	1	1	------	1	2	4	------	------	------	------
EXPLORATION, FORECASTING, AND REPORTING	35	8	2	------	4	------	2	------	19	------	------
OTHER	8	4	------	------	2	------	1	------	1	------	------
NOT EMPLOYED	67	------	------	------	------	------	------	------	------	67	------
NO REPORT	36	20	1	1	1	------	4	1	2	------	6
LINGUISTICS	1,902	1,417	53	7	127	54	10	11	24	187	12
RESEARCH AND DEVELOPMENT (A)	282	193	8	------	57	17	3	1	2	------	1
BASIC RESEARCH	202	156	4	------	31	8	1	------	1	------	1
APPLIED RESEARCH	79	37	4	------	26	8	2	1	1	------	------
MANAGEMENT OR ADMINISTRATION (B)	215	134	23	3	28	18	------	2	6	------	1
MANAGEMENT OR ADMINISTRATION OF RESEARCH AND DEVELOPMENT	58	25	7	1	16	9	------	------	------	------	------
TEACHING	1,013	994	4	1	3	------	------	------	9	------	2
PRODUCTION AND INSPECTION	1	1	------	------	------	------	------	------	------	------	------
CONSULTING	22	3	3	------	9	3	4	------	------	------	------
EXPLORATION, FORECASTING, AND REPORTING	59	18	9	------	15	10	2	1	3	------	------
OTHER	62	30	2	2	13	6	1	4	4	------	------
NOT EMPLOYED	187	------	------	------	------	------	------	------	------	187	------
NO REPORT	62	44	4	1	2	------	------	3	------	------	8

(A)INCLUDES DEVELOPMENT OR DESIGN.
(B)INCLUDES MANAGEMENT OR ADMINISTRATION OF OTHER THAN RESEARCH AND DEVELOPMENT.

SOURCE - NATIONAL REGISTER OF SCIENTIFIC AND TECHNICAL PERSONNEL, 1970.

TABLE A-98. NUMBER OF DOCTORATE SCIENTISTS, BY FIELD, PRIMARY WORK ACTIVITY, AND TYPE OF EMPLOYER, 1970

SCIENTIFIC AND TECHNICAL FIELD AND PRIMARY WORK ACTIVITY	TOTAL	TYPE OF EMPLOYER								NOT EMPLOYED	NO REPORT OF TYPE OF EMPLOYER
		EDUCATIONAL INSTITUTIONS	FEDERAL GOVERNMENT	OTHER GOVERNMENT	NONPROFIT ORGANIZATIONS	INDUSTRY AND BUSINESS	SELF-EMPLOYED	MILITARY	OTHER		
ALL FIELDS	125,234	75,109	9,119	2,979	5,086	25,861	2,181	995	733	2,648	524
RESEARCH AND DEVELOPMENT (A)	45,840	22,702	5,257	1,086	2,464	13,150	235	438	355	------	133
BASIC RESEARCH	27,308	17,482	3,234	559	1,518	3,837	79	257	247	------	95
APPLIED RESEARCH	16,568	5,057	1,960	468	907	7,748	131	171	93	------	33
MANAGEMENT OR ADMINISTRATION (B)	23,590	8,213	2,709	1,020	1,503	9,439	157	334	161	------	54
MANAGEMENT OR ADMINISTRATION OF RESEARCH AND DEVELOPMENT	13,961	2,918	2,077	407	883	7,297	89	178	85	------	27
TEACHING	41,313	40,690	125	153	76	56	28	79	51	------	55
PRODUCTION AND INSPECTION	916	30	27	16	27	775	21	5	13	------	2
CONSULTING	5,616	1,230	495	502	638	1,072	1,497	58	72	------	52
EXPLORATION, FORECASTING, AND REPORTING	1,265	247	149	64	132	530	80	26	30	------	7
OTHER	1,326	442	154	85	105	378	88	38	31	------	5
NOT EMPLOYED	2,648	------	------	------	------	------	------	------	------	2,648	------
NO REPORT	2,720	1,555	203	52	121	461	75	17	20	------	216
CHEMISTRY	29,985	10,734	1,558	298	909	14,771	291	195	245	829	155
RESEARCH AND DEVELOPMENT (A)	13,132	3,508	952	160	477	7,735	33	102	117	------	48
BASIC RESEARCH	6,727	3,150	657	111	337	2,282	20	64	71	------	35
APPLIED RESEARCH	5,171	347	279	41	123	4,290	9	35	37	------	10
MANAGEMENT OR ADMINISTRATION (B)	7,521	912	488	95	287	5,576	50	54	44	------	15
MANAGEMENT OR ADMINISTRATION OF RESEARCH AND DEVELOPMENT	5,496	299	414	48	194	4,446	34	26	25	------	10
TEACHING	6,144	6,050	17	16	8	18	1	15	17	------	4
PRODUCTION AND INSPECTION	800	19	16	15	25	691	15	4	13	------	2
CONSULTING	406	14	12	2	15	205	128	1	18	------	11
EXPLORATION, FORECASTING, AND REPORTING	202	25	21	4	45	84	11	3	8	------	1
OTHER	418	39	24	5	29	247	36	13	22	------	3
NOT EMPLOYED	829	------	------	------	------	------	------	------	------	829	------
NO REPORT	533	167	28	3	23	215	17	3	6	------	71
EARTH & MARINE SCIENCES	5,555	3,386	709	154	101	972	108	18	25	72	10
RESEARCH AND DEVELOPMENT (A)	1,593	603	491	84	61	319	9	6	18	------	2
BASIC RESEARCH	1,061	494	360	48	47	84	5	5	16	------	2
APPLIED RESEARCH	527	107	131	35	14	234	4	1	1	------	------
MANAGEMENT OR ADMINISTRATION (B)	858	350	139	43	30	286	3	6	1	------	------
MANAGEMENT OR ADMINISTRATION OF RESEARCH AND DEVELOPMENT	427	123	112	26	15	146	2	2	1	------	------
TEACHING	2,346	2,319	12	2	1	3	1	4	3	------	1
PRODUCTION AND INSPECTION	36	------	4	------	------	31	1	------	------	------	------
CONSULTING	94	3	2	1	------	36	53	------	1	------	------
EXPLORATION, FORECASTING, AND REPORTING	393	26	37	15	8	270	34	2	1	------	------
OTHER	16	1	4	3	------	6	2	------	------	------	------
NOT EMPLOYED	72	------	------	------	------	------	------	------	------	72	------
NO REPORT	145	84	20	6	1	21	5	------	1	------	7
ATMOSPHERIC & SPACE SCIENCES	693	427	142	9	22	48	4	22	1	17	9
RESEARCH AND DEVELOPMENT (A)	324	195	79	9	14	26	------	3	1	------	1
BASIC RESEARCH	189	135	34	2	9	7	------	------	1	------	------
APPLIED RESEARCH	136	60	45	3	5	19	------	3	------	------	1
MANAGEMENT OR ADMINISTRATION (B)	133	41	52	------	7	18	1	14	------	------	------
MANAGEMENT OR ADMINISTRATION OF RESEARCH AND DEVELOPMENT	93	24	39	------	6	14	1	9	------	------	------
TEACHING	196	187	6	------	------	------	------	1	------	------	------
PRODUCTION AND INSPECTION	------	------	------	------	------	------	------	------	------	------	------
CONSULTING	6	------	1	------	1	2	2	------	------	------	------
EXPLORATION, FORECASTING, AND REPORTING	9	1	3	------	------	1	1	3	------	------	------
OTHER	------	------	------	------	------	------	------	------	------	------	------
NOT EMPLOYED	17	------	------	------	------	------	------	------	------	17	------
NO REPORT	10	3	1	------	------	1	------	1	------	------	4

TABLE A-29. NUMBER OF DOCTORATE SCIENTISTS, BY FIELD, PRIMARY WORK ACTIVITY, AND TYPE OF EMPLOYER, 1970--CONTINUED

SCIENTIFIC AND TECHNICAL FIELD AND PRIMARY WORK ACTIVITY	TOTAL	TYPE OF EMPLOYER								NOT EMPLOYED	NO REPORT OF TYPE OF EMPLOYER
		EDUCATIONAL INSTITUTIONS	FEDERAL GOVERNMENT	OTHER GOVERNMENT	NONPROFIT ORGANIZATIONS	INDUSTRY AND BUSINESS	SELF-EMPLOYED	MILITARY	OTHER		
PHYSICS	16,631	9,744	1,433	35	496	4,231	148	113	48	357	26
RESEARCH AND DEVELOPMENT (A)	8,699	4,446	978	23	328	2,782	51	51	39	------	1
BASIC RESEARCH	5,608	3,759	695	15	150	902	21	29	35	------	1
APPLIED RESEARCH	2,721	631	270	7	152	1,607	22	19	3	------	------
MANAGEMENT OR ADMINISTRATION (B)	2,615	834	382	10	123	1,187	26	46	5	------	2
MANAGEMENT OR ADMINISTRATION OF RESEARCH AND DEVELOPMENT	1,941	447	340	3	92	1,014	16	26	2	------	1
TEACHING	4,189	4,167	4	------	3	8	2	1	2	------	2
PRODUCTION AND INSPECTION	29	------	------	------	1	26	2	------	------	------	------
CONSULTING	166	12	13	------	7	73	58	1	------	------	2
EXPLORATION, FORECASTING, AND REPORTING	127	43	8	------	17	49	2	7	1	------	------
OTHER	78	20	14	------	10	25	4	4	1	------	------
NOT EMPLOYED	357	------	------	------	------	------	------	------	------	357	------
NO REPORT	371	222	34	2	7	81	3	3	------	------	19
MATHEMATICS	8,033	6,502	214	34	156	827	34	64	24	156	18
RESEARCH AND DEVELOPMENT (A)	2,127	1,472	111	10	90	406	8	16	12	------	------
BASIC RESEARCH	1,473	1,293	43	9	34	79	2	5	8	------	------
APPLIED RESEARCH	609	173	66	1	56	296	6	9	4	------	------
MANAGEMENT OR ADMINISTRATION (B)	904	475	73	9	44	262	2	30	9	------	------
MANAGEMENT OR ADMINISTRATION OF RESEARCH AND DEVELOPMENT	358	88	51	5	33	162	1	15	3	------	------
TEACHING	4,399	4,356	14	12	------	4	1	10	------	------	2
PRODUCTION AND INSPECTION	4	------	1	------	------	2	1	------	------	------	------
CONSULTING	143	16	4	1	7	98	15	------	2	------	------
EXPLORATION, FORECASTING, AND REPORTING	61	19	3	1	7	19	7	5	------	------	------
OTHER	56	28	------	1	4	16	------	6	1	------	------
NOT EMPLOYED	156	------	------	------	------	------	------	------	------	156	------
NO REPORT	183	136	8	------	4	18	------	1	------	------	16
COMPUTER SCIENCES	1,010	442	33	8	49	439	15	11	5	7	1
RESEARCH AND DEVELOPMENT (A)	400	119	17	4	26	225	2	2	4	------	1
BASIC RESEARCH	91	50	6	------	4	30	------	1	------	------	------
APPLIED RESEARCH	245	63	10	2	21	144	2	------	3	------	------
MANAGEMENT OR ADMINISTRATION (B)	296	101	14	2	16	158	------	5	------	------	------
MANAGEMENT OR ADMINISTRATION OF RESEARCH AND DEVELOPMENT	201	41	11	1	15	129	------	4	------	------	------
TEACHING	213	206	------	------	------	3	------	4	------	------	------
PRODUCTION AND INSPECTION	------	------	------	------	------	------	------	------	------	------	------
CONSULTING	47	2	------	------	2	30	13	------	------	------	------
EXPLORATION, FORECASTING, AND REPORTING	14	3	------	------	2	8	------	------	1	------	------
OTHER	12	------	------	2	2	8	------	------	------	------	------
NOT EMPLOYED	7	------	------	------	------	------	------	------	------	7	------
NO REPORT	21	11	2	------	1	7	------	------	------	------	------
AGRICULTURAL SCIENCES	2,944	1,980	519	92	52	239	13	8	18	13	10
RESEARCH AND DEVELOPMENT (A)	1,387	878	333	50	15	96	2	4	5	------	4
BASIC RESEARCH	312	180	106	16	1	4	1	2	2	------	------
APPLIED RESEARCH	1,074	698	226	34	14	92	1	2	3	------	4
MANAGEMENT OR ADMINISTRATION (B)	684	331	162	33	26	123	6	------	2	------	1
MANAGEMENT OR ADMINISTRATION OF RESEARCH AND DEVELOPMENT	473	207	136	22	20	79	2	------	6	------	1
TEACHING	647	629	5	1	2	1	------	1	5	------	3
PRODUCTION AND INSPECTION	2	------	1	------	------	1	------	------	------	------	------
CONSULTING	2	------	------	------	------	1	1	------	------	------	------
EXPLORATION, FORECASTING, AND REPORTING	19	4	4	3	3	4	------	------	1	------	------
OTHER	109	88	4	5	4	5	3	------	------	------	------
NOT EMPLOYED	13	------	------	------	------	------	------	------	------	13	------
NO REPORT	77	50	10	------	2	8	1	3	1	------	2

TABLE A-3B. NUMBER OF DOCTORATE SCIENTISTS, BY FIELD, PRIMARY WORK ACTIVITY, AND TYPE OF EMPLOYER, 1970--CONTINUED

SCIENTIFIC AND TECHNICAL FIELD AND PRIMARY WORK ACTIVITY	TOTAL	TYPE OF EMPLOYER								NOT EMPLOYED	NO REPORT OF TYPE OF EMPLOYER
		EDUCATIONAL INSTITUTIONS	FEDERAL GOVERNMENT	OTHER GOVERNMENT	NONPROFIT ORGANIZATIONS	INDUSTRY AND BUSINESS	SELF-EMPLOYED	MILITARY	OTHER		
BIOLOGICAL SCIENCES	24,334	16,503	2,485	562	1,319	2,378	126	342	138	351	130
RESEARCH AND DEVELOPMENT (A)	11,514	7,168	1,685	328	881	1,101	23	192	90	------	46
BASIC RESEARCH	8,655	5,885	1,143	240	751	378	12	127	75	------	44
APPLIED RESEARCH	2,858	1,282	542	88	130	723	11	65	15	------	2
MANAGEMENT OR ADMINISTRATION (B)	3,903	1,514	651	152	277	1,116	31	114	31	------	17
MANAGEMENT OR ADMINISTRATION OF RESEARCH AND DEVELOPMENT	2,478	680	552	70	158	910	16	66	17	------	9
TEACHING	7,317	7,209	22	23	17	6	2	8	7	------	23
PRODUCTION AND INSPECTION	10	5	1	------	1	2	------	1	------	------	------
CONSULTING	248	56	15	21	60	26	49	13	3	------	5
EXPLORATION, FORECASTING, AND REPORTING	117	34	15	3	20	32	7	3	------	------	3
OTHER	245	121	36	25	17	27	8	10	1	------	------
NOT EMPLOYED	351	------	------	------	------	------	------	------	------	351	------
NO REPORT	629	396	60	10	46	68	6	1	6	------	36
PSYCHOLOGY	17,593	10,465	1,142	1,337	1,334	1,194	1,293	145	114	470	99
RESEARCH AND DEVELOPMENT (A)	3,312	1,990	316	256	321	265	73	49	25	------	17
BASIC RESEARCH	1,509	1,128	126	80	94	37	9	22	5	------	8
APPLIED RESEARCH	1,629	799	179	145	209	191	54	26	17	------	9
MANAGEMENT OR ADMINISTRATION (B)	3,498	1,723	352	493	421	403	25	36	32	------	13
MANAGEMENT OR ADMINISTRATION OF RESEARCH AND DEVELOPMENT	1,230	454	178	127	179	239	11	21	17	------	4
TEACHING	5,629	5,435	22	79	31	9	17	16	8	------	12
PRODUCTION AND INSPECTION	2	1	------	------	------	------	1	------	------	------	------
CONSULTING	4,154	1,055	414	461	520	467	1,119	40	44	------	34
EXPLORATION, FORECASTING, AND REPORTING	61	36	7	2	5	3	5	1	------	------	2
OTHER	172	66	17	27	15	22	19	2	3	------	1
NOT EMPLOYED	470	------	------	------	------	------	------	------	------	470	------
NO REPORT	295	159	14	19	21	25	34	1	2	------	20
STATISTICS	1,157	776	96	19	38	180	11	10	2	21	4
RESEARCH AND DEVELOPMENT (A)	308	177	31	6	18	69	1	4	1	------	1
BASIC RESEARCH	113	89	7	------	4	13	------	------	------	------	------
APPLIED RESEARCH	190	88	23	5	13	54	1	4	1	------	1
MANAGEMENT OR ADMINISTRATION (B)	166	65	37	7	10	45	------	2	------	------	------
MANAGEMENT OR ADMINISTRATION OF RESEARCH AND DEVELOPMENT	104	31	29	5	9	27	------	2	------	------	------
TEACHING	472	466	5	------	------	------	1	------	------	------	------
PRODUCTION AND INSPECTION	4	1	------	------	------	3	------	------	------	------	------
CONSULTING	133	46	15	2	6	54	7	3	------	------	------
EXPLORATION, FORECASTING, AND REPORTING	23	6	5	3	2	4	2	------	1	------	------
OTHER	4	------	1	1	------	2	------	------	------	------	------
NOT EMPLOYED	21	------	------	------	------	------	------	------	------	21	------
NO REPORT	26	15	2	------	2	3	------	1	------	------	3
ECONOMICS	7,225	5,449	509	277	273	466	81	23	10	127	10
RESEARCH AND DEVELOPMENT (A)	1,516	946	196	125	126	96	17	6	3	------	3
BASIC RESEARCH	487	382	30	24	36	10	4	------	------	------	1
APPLIED RESEARCH	988	556	155	90	87	81	10	4	3	------	2
MANAGEMENT OR ADMINISTRATION (B)	1,459	803	220	97	107	209	9	10	4	------	------
MANAGEMENT OR ADMINISTRATION OF RESEARCH AND DEVELOPMENT	609	226	149	63	68	95	4	2	2	------	------
TEACHING	3,562	3,529	8	6	8	3	------	7	1	------	------
PRODUCTION AND INSPECTION	29	4	4	1	------	19	1	------	------	------	------
CONSULTING	150	16	10	9	10	63	40	------	2	------	------
EXPLORATION, FORECASTING, AND REPORTING	126	10	24	25	12	51	3	1	------	------	------
OTHER	103	31	37	9	6	14	6	------	------	------	------
NOT EMPLOYED	127	------	------	------	------	------	------	------	------	127	------
NO REPORT	153	110	10	5	4	11	5	1	------	------	7

TABLE A-9B. NUMBER OF DOCTORATE SCIENTISTS, BY FIELD, PRIMARY WORK ACTIVITY, AND TYPE OF EMPLOYER, 1970--CONTINUED

SCIENTIFIC AND TECHNICAL FIELD AND PRIMARY WORK ACTIVITY	TOTAL	TYPE OF EMPLOYER								NOT EMPLOYED	NO REPORT OF TYPE OF EMPLOYER
		EDUCA-TIONAL INSTI-TUTIONS	FEDERAL GOVERN-MENT	OTHER GOVERN-MENT	NONPROFIT ORGANIZA-TIONS	INDUSTRY AND BUSINESS	SELF-EMPLOYED	MILITARY	OTHER		
SOCIOLOGY	3,690	3,229	90	69	138	42	24	11	20	52	15
RESEARCH AND DEVELOPMENT (A)	725	586	31	23	52	9	11	5	7	------	1
BASIC RESEARCH	470	422	13	9	15	1	4	2	4	------	------
APPLIED RESEARCH	254	164	18	13	37	8	7	3	3	------	1
MANAGEMENT OR ADMINISTRATION (B)	600	407	47	30	69	28	4	5	9	------	1
MANAGEMENT OR ADMINISTRATION OF RESEARCH AND DEVELOPMENT	255	136	31	22	42	17	2	3	2	------	------
TEACHING	2,153	2,131	1	8	4	1	2	1	2	------	3
PRODUCTION AND INSPECTION	------	------	------	------	------	------	------	------	------	------	------
CONSULTING	4	1	1	------	------	1	1	------	------	------	------
EXPLORATION, FORECASTING, AND REPORTING	18	10	2	------	------	------	4	------	1	------	1
OTHER	39	23	1	5	7	1	2	------	------	------	------
NOT EMPLOYED	52	------	------	------	------	------	------	------	------	52	------
NO REPORT	99	71	7	3	6	2	------	------	1	------	9
POLITICAL SCIENCE	3,990	3,421	147	72	119	45	14	26	18	98	30
RESEARCH AND DEVELOPMENT (A)	382	293	20	8	43	8	------	------	4	------	6
BASIC RESEARCH	265	234	4	1	17	3	------	------	3	------	3
APPLIED RESEARCH	95	50	9	3	25	5	------	------	1	------	2
MANAGEMENT OR ADMINISTRATION (B)	668	459	74	42	56	16	------	10	7	------	4
MANAGEMENT OR ADMINISTRATION OF RESEARCH AND DEVELOPMENT	195	113	24	10	34	8	------	1	3	------	2
TEACHING	2,593	2,561	9	6	1	------	------	11	1	------	4
PRODUCTION AND INSPECTION	------	------	------	------	------	------	------	------	------	------	------
CONSULTING	42	5	6	5	4	14	6	------	2	------	------
EXPLORATION, FORECASTING, AND REPORTING	44	9	18	8	4	2	2	1	------	------	------
OTHER	58	17	16	1	8	4	6	3	2	------	1
NOT EMPLOYED	98	------	------	------	------	------	------	------	------	98	------
NO REPORT	105	77	4	2	3	1	------	1	2	------	15
ANTHROPOLOGY	1,260	1,043	26	13	35	11	14	2	58	52	6
RESEARCH AND DEVELOPMENT (A)	267	202	13	4	12	4	3	------	28	------	1
BASIC RESEARCH	232	187	8	3	6	2	------	------	26	------	------
APPLIED RESEARCH	34	14	5	1	6	2	3	------	2	------	1
MANAGEMENT OR ADMINISTRATION (B)	140	93	9	6	16	5	------	1	10	------	------
MANAGEMENT OR ADMINISTRATION OF RESEARCH AND DEVELOPMENT	64	29	8	4	10	5	------	1	7	------	------
TEACHING	723	717	------	2	------	------	1	------	3	------	------
PRODUCTION AND INSPECTION	------	------	------	------	------	------	------	------	------	------	------
CONSULTING	8	1	1	------	1	2	3	------	------	------	------
EXPLORATION, FORECASTING, AND REPORTING	29	7	2	------	3	------	2	------	15	------	------
OTHER	8	4	------	------	2	------	1	------	1	------	------
NOT EMPLOYED	52	------	------	------	------	------	------	------	------	52	------
NO REPORT	33	19	1	1	1	------	4	1	1	------	5
LINGUISTICS	1,134	1,008	16	3	45	18	5	1	7	26	5
RESEARCH AND DEVELOPMENT (A)	154	119	4	------	20	7	2	------	1	------	1
BASIC RESEARCH	117	94	2	------	13	5	1	------	1	------	1
APPLIED RESEARCH	37	25	2	------	7	2	1	------	------	------	------
MANAGEMENT OR ADMINISTRATION (B)	141	105	9	1	14	7	------	1	3	------	1
MANAGEMENT OR ADMINISTRATION OF RESEARCH AND DEVELOPMENT	37	20	3	------	8	6	------	------	------	------	------
TEACHING	732	728	------	------	1	------	------	------	2	------	1
PRODUCTION AND INSPECTION	------	------	------	------	------	------	------	------	------	------	------
CONSULTING	11	3	1	------	5	------	2	------	------	------	------
EXPLORATION, FORECASTING, AND REPORTING	22	14	------	------	4	3	------	------	1	------	------
OTHER	8	4	------	1	1	1	1	------	------	------	------
NOT EMPLOYED	26	------	------	------	------	------	------	------	------	26	------
NO REPORT	40	35	2	1	------	------	------	------	------	------	2

(A)INCLUDES DEVELOPMENT OR DESIGN.
(B)INCLUDES MANAGEMENT OR ADMINISTRATION OF OTHER THAN RESEARCH AND DEVELOPMENT.

SOURCE - NATIONAL REGISTER OF SCIENTIFIC AND TECHNICAL PERSONNEL, 1970.

TABLE A-9C. NUMBER OF MASTER'S DEGREE SCIENTISTS, BY FIELD, PRIMARY WORK ACTIVITY, AND TYPE OF EMPLOYER, 1970

SCIENTIFIC AND TECHNICAL FIELD AND PRIMARY WORK ACTIVITY	TOTAL	TYPE OF EMPLOYER								NOT EMPLOYED	NO REPORT OF TYPE OF EMPLOYER
		EDUCATIONAL INSTITUTIONS	FEDERAL GOVERNMENT	OTHER GOVERNMENT	NONPROFIT ORGANIZATIONS	INDUSTRY AND BUSINESS	SELF-EMPLOYED	MILITARY	OTHER		
ALL FIELDS	93,540	38,341	8,768	4,047	2,994	27,786	1,481	2,642	666	5,859	956
RESEARCH AND DEVELOPMENT (A)	26,367	9,818	3,927	1,186	1,148	9,340	150	534	163	------	101
BASIC RESEARCH	8,653	5,779	1,191	259	263	870	29	153	54	------	55
APPLIED RESEARCH	13,892	3,816	2,520	872	805	5,309	103	335	91	------	41
MANAGEMENT OR ADMINISTRATION (B)	18,735	2,583	2,973	1,442	869	9,285	234	1,137	153	------	59
MANAGEMENT OR ADMINISTRATION OF RESEARCH AND DEVELOPMENT	7,559	631	1,336	499	389	4,232	75	329	46	------	22
TEACHING	23,715	22,892	111	121	81	109	21	188	107	------	85
PRODUCTION AND INSPECTION	3,750	61	207	112	48	3,126	72	76	41	------	7
CONSULTING	4,700	1,031	224	573	463	1,583	668	76	60	------	22
EXPLORATION, FORECASTING, AND REPORTING	4,900	347	751	283	179	2,808	197	264	50	------	17
OTHER	2,975	839	376	217	135	1,020	84	226	66	------	12
NOT EMPLOYED	5,859	------	------	------	------	------	------	------	------	5,859	------
NO REPORT	2,539	770	199	113	71	515	55	137	26	------	653
CHEMISTRY	19,178	4,286	1,088	345	475	11,073	237	363	240	878	193
RESEARCH AND DEVELOPMENT (A)	6,320	1,420	529	70	184	3,936	23	72	56	------	30
BASIC RESEARCH	2,093	1,186	224	32	80	497	4	33	19	------	18
APPLIED RESEARCH	2,462	220	269	29	79	1,795	9	29	25	------	7
MANAGEMENT OR ADMINISTRATION (B)	4,764	222	309	120	145	3,728	40	140	50	------	10
MANAGEMENT OR ADMINISTRATION OF RESEARCH AND DEVELOPMENT	2,313	42	204	33	73	1,881	16	43	17	------	4
TEACHING	2,503	2,383	18	9	13	20	1	24	23	------	12
PRODUCTION AND INSPECTION	2,823	37	120	80	36	2,438	32	40	37	------	3
CONSULTING	393	12	9	13	9	212	105	7	21	------	5
EXPLORATION, FORECASTING, AND REPORTING	225	9	28	11	43	109	6	8	9	------	2
OTHER	740	89	53	32	25	441	19	46	34	------	1
NOT EMPLOYED	878	------	------	------	------	------	------	------	------	878	------
NO REPORT	532	114	22	10	20	189	11	26	10	------	130
EARTH & MARINE SCIENCES	8,006	2,247	963	397	85	3,306	360	126	41	417	64
RESEARCH AND DEVELOPMENT (A)	1,329	422	443	118	34	266	15	22	7	------	2
BASIC RESEARCH	595	305	185	39	12	35	6	7	4	------	2
APPLIED RESEARCH	711	115	253	73	22	224	6	15	3	------	------
MANAGEMENT OR ADMINISTRATION (B)	1,206	87	233	88	24	685	28	51	9	------	1
MANAGEMENT OR ADMINISTRATION OF RESEARCH AND DEVELOPMENT	360	34	106	35	14	150	6	13	2	------	------
TEACHING	1,645	1,591	7	8	2	11	1	17	5	------	3
PRODUCTION AND INSPECTION	496	4	42	23	------	390	27	7	1	------	2
CONSULTING	235	7	5	3	1	106	103	3	6	------	1
EXPLORATION, FORECASTING, AND REPORTING	2,308	44	180	130	19	1,746	161	9	9	------	10
OTHER	113	21	23	15	1	38	9	4	2	------	------
NOT EMPLOYED	417	------	------	------	------	------	------	------	------	417	------
NO REPORT	257	71	30	12	4	64	16	13	2	------	45
ATMOSPHERIC & SPACE SCIENCES	1,882	367	524	31	46	212	17	548	4	116	17
RESEARCH AND DEVELOPMENT (A)	533	195	175	5	23	80	2	52	1	------	------
BASIC RESEARCH	193	120	44	------	8	9	1	10	1	------	------
APPLIED RESEARCH	340	75	131	5	15	71	1	42	------	------	------
MANAGEMENT OR ADMINISTRATION (B)	590	29	190	9	13	57	4	286	------	------	2
MANAGEMENT OR ADMINISTRATION OF RESEARCH AND DEVELOPMENT	186	19	82	4	11	23	------	45	------	------	2
TEACHING	141	117	4	------	------	1	1	16	1	------	1
PRODUCTION AND INSPECTION	24	1	3	1	2	6	1	9	------	------	1
CONSULTING	52	------	9	1	1	12	6	22	------	------	1
EXPLORATION, FORECASTING, AND REPORTING	318	10	126	11	6	37	2	125	1	------	------
OTHER	53	7	11	2	------	12	------	21	------	------	------
NOT EMPLOYED	116	------	------	------	------	------	------	------	------	116	------
NO REPORT	55	8	6	2	1	7	1	17	1	------	12

TABLE A-9C. NUMBER OF MASTER'S DEGREE SCIENTISTS, BY FIELD, PRIMARY WORK ACTIVITY, AND TYPE OF EMPLOYER, 1970--CONTINUED

SCIENTIFIC AND TECHNICAL FIELD AND PRIMARY WORK ACTIVITY	TOTAL	TYPE OF EMPLOYER								NOT EMPLOYED	NO REPORT OF TYPE OF EMPLOYER
		EDUCATIONAL INSTITUTIONS	FEDERAL GOVERNMENT	OTHER GOVERNMENT	NONPROFIT ORGANIZATIONS	INDUSTRY AND BUSINESS	SELF-EMPLOYED	MILITARY	OTHER		
PHYSICS	12,215	5,874	1,254	34	260	3,090	66	435	7	1,039	156
RESEARCH AND DEVELOPMENT (A)	5,303	2,210	843	12	139	1,954	16	124	2	------	3
BASIC RESEARCH	2,241	1,768	254	6	27	138	6	37	2	------	3
APPLIED RESEARCH	2,220	369	513	3	94	1,160	9	72	------	------	------
MANAGEMENT OR ADMINISTRATION (B)	1,628	284	291	7	78	777	12	175	3	------	1
MANAGEMENT OR ADMINISTRATION OF RESEARCH AND DEVELOPMENT	994	77	243	1	50	520	8	94	1	------	------
TEACHING	3,210	3,158	8	------	10	8	------	22	2	------	2
PRODUCTION AND INSPECTION	79	2	2	1	3	63	3	5	------	------	------
CONSULTING	132	11	14	6	4	68	27	2	------	------	------
EXPLORATION, FORECASTING, AND REPORTING	286	74	43	2	17	119	2	29	------	------	------
OTHER	153	24	28	5	6	53	4	33	------	------	------
NOT EMPLOYED	1,039	------	------	------	------	------	------	------	------	1,039	------
NO REPORT	385	111	25	1	3	48	2	45	------	------	150
MATHEMATICS	11,975	6,705	618	123	230	3,028	79	367	69	697	59
RESEARCH AND DEVELOPMENT (A)	1,979	620	282	20	123	852	7	60	15	------	------
BASIC RESEARCH	526	436	32	6	8	31	4	6	3	------	------
APPLIED RESEARCH	1,191	166	224	11	105	624	3	48	10	------	------
MANAGEMENT OR ADMINISTRATION (B)	2,159	371	186	36	64	1,303	5	173	17	------	4
MANAGEMENT OR ADMINISTRATION OF RESEARCH AND DEVELOPMENT	844	62	111	12	42	550	4	58	3	------	2
TEACHING	5,509	5,354	23	23	4	35	8	37	19	------	6
PRODUCTION AND INSPECTION	59	4	4	4	1	43	------	2	1	------	------
CONSULTING	547	28	13	12	15	416	50	5	6	------	2
EXPLORATION, FORECASTING, AND REPORTING	375	45	67	14	8	191	2	41	6	------	1
OTHER	395	180	27	7	9	127	2	39	4	------	------
NOT EMPLOYED	697	------	------	------	------	------	------	------	------	697	------
NO REPORT	255	103	16	7	6	61	5	10	1	------	46
COMPUTER SCIENCES	4,859	750	321	57	190	3,114	63	191	31	137	5
RESEARCH AND DEVELOPMENT (A)	1,816	307	117	16	84	1,240	9	29	13	------	1
BASIC RESEARCH	106	62	14	------	3	24	1	2	------	------	------
APPLIED RESEARCH	985	169	75	10	64	634	6	16	10	------	1
MANAGEMENT OR ADMINISTRATION (B)	1,415	163	108	23	56	946	7	105	6	------	1
MANAGEMENT OR ADMINISTRATION OF RESEARCH AND DEVELOPMENT	677	65	55	7	39	480	5	22	3	------	1
TEACHING	169	143	3	------	------	16	------	6	------	------	1
PRODUCTION AND INSPECTION	40	1	5	------	1	29	------	4	------	------	------
CONSULTING	439	23	12	2	18	337	39	6	2	------	------
EXPLORATION, FORECASTING, AND REPORTING	533	63	55	11	17	347	7	25	8	------	------
OTHER	220	32	13	2	11	149	1	12	------	------	------
NOT EMPLOYED	137	------	------	------	------	------	------	------	------	137	------
NO REPORT	90	18	8	3	3	50	------	4	2	------	2
AGRICULTURAL SCIENCES	4,176	1,194	1,291	681	72	604	87	51	25	140	31
RESEARCH AND DEVELOPMENT (A)	1,258	486	447	204	8	91	------	12	5	------	5
BASIC RESEARCH	286	130	108	34	1	3	------	6	1	------	3
APPLIED RESEARCH	971	356	339	169	7	88	------	6	4	------	2
MANAGEMENT OR ADMINISTRATION (B)	1,828	168	693	402	49	429	63	9	9	------	6
MANAGEMENT OR ADMINISTRATION OF RESEARCH AND DEVELOPMENT	552	73	156	202	14	89	11	2	2	------	3
TEACHING	480	434	7	14	4	4	------	7	6	------	4
PRODUCTION AND INSPECTION	15	1	3	------	1	8	1	1	------	------	------
CONSULTING	26	3	4	5	------	9	4	1	------	------	------
EXPLORATION, FORECASTING, AND REPORTING	70	3	41	9	3	6	1	5	------	------	2
OTHER	253	70	70	35	5	42	14	12	4	------	1
NOT EMPLOYED	140	------	------	------	------	------	------	------	------	140	------
NO REPORT	106	29	26	12	2	15	4	4	1	------	13

TABLE A-9C. NUMBER OF MASTER'S DEGREE SCIENTISTS, BY FIELD, PRIMARY WORK ACTIVITY, AND TYPE OF EMPLOYER, 1970--CONTINUED

SCIENTIFIC AND TECHNICAL FIELD AND PRIMARY WORK ACTIVITY	TOTAL	TYPE OF EMPLOYER								NOT EMPLOYED	NO REPORT OF TYPE OF EMPLOYER
		EDUCA-TIONAL INSTI-TUTIONS	FEDERAL GOVERN-MENT	OTHER GOVERN-MENT	NONPROFIT ORGANIZA-TIONS	INDUSTRY AND BUSINESS	SELF-EMPLOYED	MILITARY	OTHER		
BIOLOGICAL SCIENCES - - - - -	10,303	6,261	1,011	508	335	1,023	100	237	79	632	117
RESEARCH AND DEVELOPMENT (A) - - -	2,872	1,522	521	186	116	378	10	93	18	------	28
BASIC RESEARCH - - - - - - - - -	1,666	1,134	232	74	62	86	3	46	13	------	16
APPLIED RESEARCH - - - - - - - -	1,205	388	289	111	54	292	7	47	5	------	12
MANAGEMENT OR ADMINISTRATION (B) -	1,589	348	343	192	89	476	41	77	14	------	9
MANAGEMENT OR ADMINISTRATION OF RESEARCH AND DEVELOPMENT -	495	66	110	49	22	207	10	26	4	------	1
TEACHING - - - - - - - - - - - - -	4,282	4,129	18	24	24	9	2	15	33	------	28
PRODUCTION AND INSPECTION - - -	26	------	2	------	1	21	1	------	1	------	------
CONSULTING - - - - - - - - - - - -	176	12	18	28	61	25	18	12	2	------	------
EXPLORATION, FORECASTING, AND REPORTING - - - - - - - - -	103	19	34	7	11	25	3	4	------	------	------
OTHER - - - - - - - - - - - - - -	393	147	56	48	25	57	19	28	8	------	5
NOT EMPLOYED - - - - - - - - - - -	632	------	------	------	------	------	------	------	------	632	------
NO REPORT - - - - - - - - - - - -	230	84	19	23	8	32	6	8	3	------	47
PSYCHOLOGY - - - - - - - - - -	8,433	4,319	385	1,172	723	723	317	99	50	563	82
RESEARCH AND DEVELOPMENT (A) - - -	2,720	1,690	153	337	192	226	51	40	19	------	12
BASIC RESEARCH - - - - - - - - -	154	92	18	17	9	9	3	3	1	------	2
APPLIED RESEARCH - - - - - - - -	2,469	1,572	127	307	177	176	48	35	17	------	10
MANAGEMENT OR ADMINISTRATION (B) -	1,384	489	113	275	165	275	11	30	12	------	14
MANAGEMENT OR ADMINISTRATION OF RESEARCH AND DEVELOPMENT -	334	82	61	36	32	97	2	15	4	------	5
TEACHING - - - - - - - - - - - - -	1,154	1,098	2	22	10	5	4	6	3	------	4
PRODUCTION AND INSPECTION - - -	10	4	------	1	------	3	2	------	------	------	------
CONSULTING - - - - - - - - - - - -	2,225	878	96	475	324	173	238	16	14	------	11
EXPLORATION, FORECASTING, AND REPORTING - - - - - - - - -	32	6	7	6	5	7	------	1	------	------	------
OTHER - - - - - - - - - - - - - -	150	69	5	31	13	17	8	6	------	------	1
NOT EMPLOYED - - - - - - - - - - -	563	------	------	------	------	------	------	------	------	563	------
NO REPORT - - - - - - - - - - - -	195	85	9	25	14	17	3	------	2	------	40
STATISTICS - - - - - - - - - -	1,256	271	267	66	66	432	15	32	6	83	18
RESEARCH AND DEVELOPMENT (A) - - -	348	89	79	18	28	120	------	12	------	------	2
BASIC RESEARCH - - - - - - - - -	58	37	8	3	1	8	------	------	------	------	1
APPLIED RESEARCH - - - - - - - -	266	52	63	14	26	98	------	12	------	------	1
MANAGEMENT OR ADMINISTRATION (B) -	246	13	75	23	15	108	3	8	1	------	------
MANAGEMENT OR ADMINISTRATION OF RESEARCH AND DEVELOPMENT -	122	8	33	13	9	53	3	3	------	------	------
TEACHING - - - - - - - - - - - - -	104	100	3	------	------	------	------	1	------	------	------
PRODUCTION AND INSPECTION - - -	63	------	16	------	1	46	1	1	------	------	------
CONSULTING - - - - - - - - - - - -	149	29	25	2	4	75	9	2	2	------	1
EXPLORATION, FORECASTING, AND REPORTING - - - - - - - - -	184	21	56	19	15	63	2	5	2	------	1
OTHER - - - - - - - - - - - - - -	39	8	11	1	2	14	------	2	1	------	------
NOT EMPLOYED - - - - - - - - - - -	83	------	------	------	------	------	------	------	------	83	------
NO REPORT - - - - - - - - - - - -	40	11	4	3	1	6	------	1	------	------	14
ECONOMICS - - - - - - - - - -	5,008	2,127	724	307	202	1,014	95	92	30	371	46
RESEARCH AND DEVELOPMENT (A) - - -	985	315	260	125	99	152	12	10	10	------	2
BASIC RESEARCH - - - - - - - - -	232	112	53	26	18	21	1	------	1	------	------
APPLIED RESEARCH - - - - - - - -	692	196	187	90	78	113	9	8	9	------	2
MANAGEMENT OR ADMINISTRATION (B) -	1,110	158	287	102	68	432	13	35	12	------	3
MANAGEMENT OR ADMINISTRATION OF RESEARCH AND DEVELOPMENT -	415	33	128	51	38	148	6	5	4	------	2
TEACHING - - - - - - - - - - - - -	1,553	1,513	6	7	2	------	2	19	1	------	3
PRODUCTION AND INSPECTION - - -	114	6	12	2	2	79	4	7	1	------	1
CONSULTING - - - - - - - - - - - -	241	14	16	10	9	135	54	------	2	------	1
EXPLORATION, FORECASTING, AND REPORTING - - - - - - - - -	289	11	76	38	13	140	3	6	1	------	1
OTHER - - - - - - - - - - - - - -	197	63	44	14	6	54	3	11	2	------	------
NOT EMPLOYED - - - - - - - - - - -	371	------	------	------	------	------	------	------	------	371	------
NO REPORT - - - - - - - - - - - -	148	47	23	9	3	22	4	6	1	------	35

TABLE A-9C. NUMBER OF MASTER'S DEGREE SCIENTISTS, BY FIELD, PRIMARY WORK ACTIVITY, AND TYPE OF EMPLOYER, 1970--CONTINUED

SCIENTIFIC AND TECHNICAL FIELD AND PRIMARY WORK ACTIVITY	TOTAL	TYPE OF EMPLOYER								NOT EMPLOYED	NO REPORT OF TYPE OF EMPLOYER
		EDUCATIONAL INSTITUTIONS	FEDERAL GOVERNMENT	OTHER GOVERNMENT	NONPROFIT ORGANIZATIONS	INDUSTRY AND BUSINESS	SELF-EMPLOYED	MILITARY	OTHER		
SOCIOLOGY	3,181	2,062	99	167	155	68	25	31	28	418	128
RESEARCH AND DEVELOPMENT (A)	519	308	45	50	65	24	4	3	6	------	14
BASIC RESEARCH	272	217	12	14	16	2	------	1	2	------	8
APPLIED RESEARCH	246	91	32	36	49	22	4	2	4	------	6
MANAGEMENT OR ADMINISTRATION (B)	366	129	37	74	56	37	7	14	9	------	3
MANAGEMENT OR ADMINISTRATION OF RESEARCH AND DEVELOPMENT	151	44	18	34	22	21	4	2	5	------	1
TEACHING	1,542	1,501	2	8	9	------	------	3	3	------	16
PRODUCTION AND INSPECTION	------	------	------	------	------	------	------	------	------	------	------
CONSULTING	26	9	------	7	4	------	4	------	2	------	------
EXPLORATION, FORECASTING, AND REPORTING	46	15	7	10	4	1	5	3	1	------	------
OTHER	112	59	5	13	13	6	4	5	4	------	3
NOT EMPLOYED	418	------	------	------	------	------	------	------	------	418	------
NO REPORT	152	41	3	5	4	------	1	3	3	------	92
POLITICAL SCIENCE	2,447	1,538	197	154	98	72	15	67	32	240	34
RESEARCH AND DEVELOPMENT (A)	294	184	29	25	27	14	------	5	8	------	2
BASIC RESEARCH	171	139	5	8	6	5	------	2	4	------	2
APPLIED RESEARCH	103	38	16	14	21	7	------	3	4	------	------
MANAGEMENT OR ADMINISTRATION (B)	392	101	98	88	37	23	------	34	6	------	5
MANAGEMENT OR ADMINISTRATION OF RESEARCH AND DEVELOPMENT	98	23	24	20	17	11	------	1	1	------	1
TEACHING	1,165	1,130	6	5	1	------	2	15	2	------	4
PRODUCTION AND INSPECTION	------	------	------	------	------	------	------	------	------	------	------
CONSULTING	51	5	2	9	10	13	9	------	3	------	------
EXPLORATION, FORECASTING, AND REPORTING	102	23	26	15	10	12	1	7	8	------	------
OTHER	126	56	29	11	12	6	1	5	5	------	1
NOT EMPLOYED	240	------	------	------	------	------	------	------	------	240	------
NO REPORT	77	39	7	1	1	4	2	1	------	------	22
ANTHROPOLOGY	36	14	1	1	------	------	1	------	10	9	------
RESEARCH AND DEVELOPMENT (A)	5	2	------	------	------	------	------	------	3	------	------
BASIC RESEARCH	5	2	------	------	------	------	------	------	3	------	------
APPLIED RESEARCH	------	------	------	------	------	------	------	------	------	------	------
MANAGEMENT OR ADMINISTRATION (B)	5	1	1	1	------	------	------	------	2	------	------
MANAGEMENT OR ADMINISTRATION OF RESEARCH AND DEVELOPMENT	3	1	1	1	------	------	------	------	------	------	------
TEACHING	12	10	------	------	------	------	------	------	2	------	------
PRODUCTION AND INSPECTION	------	------	------	------	------	------	------	------	------	------	------
CONSULTING	1	------	------	------	------	------	1	------	------	------	------
EXPLORATION, FORECASTING, AND REPORTING	4	1	------	------	------	------	------	------	3	------	------
OTHER	------	------	------	------	------	------	------	------	------	------	------
NOT EMPLOYED	9	------	------	------	------	------	------	------	------	9	------
NO REPORT	------	------	------	------	------	------	------	------	------	------	------
LINGUISTICS	585	326	25	4	57.	27	4	3	14	119	6
RESEARCH AND DEVELOPMENT (A)	86	48	4	------	26	7	1	------	------	------	------
BASIC RESEARCH	55	39	2	------	12	2	------	------	------	------	------
APPLIED RESEARCH	31	9	2	------	14	5	1	------	------	------	------
MANAGEMENT OR ADMINISTRATION (B)	53	20	9	2	10	9	------	------	3	------	------
MANAGEMENT OR ADMINISTRATION OF RESEARCH AND DEVELOPMENT	15	2	4	1	6	2	------	------	------	------	------
TEACHING	246	231	4	1	2	------	------	------	7	------	1
PRODUCTION AND INSPECTION	1	1	------	------	------	------	------	------	------	------	------
CONSULTING	7	------	1	------	3	2	1	------	------	------	------
EXPLORATION, FORECASTING, AND REPORTING	25	3	5	------	8	5	2	------	2	------	------
OTHER	31	14	1	1	7	4	------	2	2	------	------
NOT EMPLOYED	119	------	------	------	------	------	------	------	------	119	------
NO REPORT	17	9	1	------	1	------	------	1	------	------	5

(A)INCLUDES DEVELOPMENT OR DESIGN.
(B)INCLUDES MANAGEMENT OR ADMINISTRATION OF OTHER THAN RESEARCH AND DEVELOPMENT.

SOURCE - NATIONAL REGISTER OF SCIENTIFIC AND TECHNICAL PERSONNEL, 1970.

TABLE A-90. NUMBER OF BACHELOR'S DEGREE SCIENTISTS, BY FIELD, PRIMARY WORK ACTIVITY, AND TYPE OF EMPLOYER, 1970

SCIENTIFIC AND TECHNICAL FIELD AND PRIMARY WORK ACTIVITY	TOTAL	TYPE OF EMPLOYER								NOT EMPLOYED	NO REPORT OF TYPE OF EMPLOYER
		EDUCATIONAL INSTITUTIONS	FEDERAL GOVERNMENT	OTHER GOVERNMENT	NONPROFIT ORGANIZATIONS	INDUSTRY AND BUSINESS	SELF-EMPLOYED	MILITARY	OTHER		
ALL FIELDS - - - - - - - - - - -	83,740	12,743	12,321	4,336	1,732	42,272	1,981	2,792	643	4,171	749
RESEARCH AND DEVELOPMENT (A) - - -	21,542	5,404	3,381	655	604	10,924	109	244	136	------	85
BASIC RESEARCH - - - - - - - - -	6,900	4,383	971	215	212	886	22	99	58	------	56
APPLIED RESEARCH - - - - - - - -	8,730	873	2,013	391	336	4,890	56	108	45	------	18
MANAGEMENT OR ADMINISTRATION (B) -	24,415	576	5,493	2,221	474	14,035	423	980	155	------	58
MANAGEMENT OR ADMINISTRATION OF RESEARCH AND DEVELOPMENT -	7,379	223	1,273	493	164	4,973	98	113	38	------	14
TEACHING - - - - - - - - - - - - -	6,112	5,618	87	62	43	102	7	119	53	------	21
PRODUCTION AND INSPECTION - - - -	11,057	100	696	418	137	9,256	158	163	110	------	19
CONSULTING - - - - - - - - - - - -	2,685	76	168	140	133	1,501	565	50	44	------	8
EXPLORATION, FORECASTING, AND REPORTING - - - - - - - - -	7,688	239	1,528	331	162	4,262	498	628	30	------	10
OTHER - - - - - - - - - - - - - -	3,546	421	685	383	121	1,366	114	349	86	------	21
NOT EMPLOYED - - - - - - - - - - -	4,171	------	------	------	------	------	------	------	------	4,171	------
NO REPORT - - - - - - - - - - - -	2,524	309	283	126	58	826	107	259	29	------	527
CHEMISTRY - - - - - - - - - -	36,514	4,714	2,327	814	680	24,231	424	516	375	1,759	374
RESEARCH AND DEVELOPMENT (A) - - -	11,406	2,710	971	149	254	7,052	39	94	85	------	52
BASIC RESEARCH - - - - - - - - -	3,767	2,456	354	70	113	649	7	42	39	------	37
APPLIED RESEARCH - - - - - - - -	3,751	223	482	56	115	2,793	18	36	23	------	7
MANAGEMENT OR ADMINISTRATION (B) -	8,836	98	554	191	132	7,393	68	298	80	------	22
MANAGEMENT OR ADMINISTRATION OF RESEARCH AND DEVELOPMENT -	3,524	38	287	32	53	3,018	22	39	25	------	10
TEACHING - - - - - - - - - - - - -	1,581	1,446	24	13	14	22	1	42	15	------	4
PRODUCTION AND INSPECTION - - - -	9,508	82	538	321	125	8,135	77	116	100	------	14
CONSULTING - - - - - - - - - - - -	595	9	23	16	8	344	163	10	16	------	6
EXPLORATION, FORECASTING, AND REPORTING - - - - - - - - -	375	11	57	13	64	202	11	9	7	------	1
OTHER - - - - - - - - - - - - - -	1,399	221	114	75	55	686	44	143	52	------	9
NOT EMPLOYED - - - - - - - - - - -	1,759	------	------	------	------	------	------	------	------	1,759	------
NO REPORT - - - - - - - - - - - -	1,055	137	46	36	28	397	21	104	20	------	266
EARTH & MARINE SCIENCES - -	9,910	882	1,346	586	59	5,527	899	144	49	369	49
RESEARCH AND DEVELOPMENT (A) - - -	963	191	422	77	16	223	11	13	8	------	2
BASIC RESEARCH - - - - - - - - -	402	147	164	26	7	40	5	7	5	------	1
APPLIED RESEARCH - - - - - - - -	523	44	247	44	8	166	4	6	3	------	1
MANAGEMENT OR ADMINISTRATION (B) -	1,964	41	362	158	13	1,242	82	55	9	------	2
MANAGEMENT OR ADMINISTRATION OF RESEARCH AND DEVELOPMENT -	401	21	138	26	3	182	20	11	2	------	------
TEACHING - - - - - - - - - - - - -	584	558	4	2	4	8	------	4	4	------	------
PRODUCTION AND INSPECTION - - - -	1,013	5	83	82	1	751	71	11	4	------	5
CONSULTING - - - - - - - - - - - -	458	2	20	16	3	196	213	3	5	------	------
EXPLORATION, FORECASTING, AND REPORTING - - - - - - - - -	3,981	31	362	204	21	2,868	461	16	12	------	6
OTHER - - - - - - - - - - - - - -	212	21	59	31	1	67	10	17	6	------	------
NOT EMPLOYED - - - - - - - - - - -	369	------	------	------	------	------	------	------	------	369	------
NO REPORT - - - - - - - - - - - -	366	33	34	16	------	172	51	25	1	------	34
ATMOSPHERIC & SPACE SCIENCES -	3,089	209	1,111	68	20	356	11	1,126	8	155	25
RESEARCH AND DEVELOPMENT (A) - - -	324	107	114	11	10	45	------	31	3	------	3
BASIC RESEARCH - - - - - - - - -	130	70	27	4	4	5	------	16	1	------	3
APPLIED RESEARCH - - - - - - - -	190	37	86	7	6	37	------	15	2	------	------
MANAGEMENT OR ADMINISTRATION (B) -	826	12	320	25	5	84	3	376	1	------	------
MANAGEMENT OR ADMINISTRATION OF RESEARCH AND DEVELOPMENT -	142	9	81	7	2	18	------	24	1	------	------
TEACHING - - - - - - - - - - - - -	111	54	10	5	------	5	------	36	------	------	1
PRODUCTION AND INSPECTION - - - -	65	1	14	2	1	26	1	20	------	------	------
CONSULTING - - - - - - - - - - - -	34	1	6	1	------	9	2	15	------	------	------
EXPLORATION, FORECASTING, AND REPORTING - - - - - - - - -	1,323	14	589	19	3	150	3	540	3	------	2
OTHER - - - - - - - - - - - - - -	131	8	31	4	------	19	2	66	1	------	------
NOT EMPLOYED - - - - - - - - - - -	155	------	------	------	------	------	------	------	------	155	------
NO REPORT - - - - - - - - - - - -	120	12	27	1	1	18	------	42	------	------	19

TABLE A-VI. NUMBER OF BACHELOR'S DEGREE SCIENTISTS, BY FIELD, PRIMARY WORK ACTIVITY, AND TYPE OF EMPLOYER, 1970--CONTINUED

SCIENTIFIC AND TECHNICAL FIELD AND PRIMARY WORK ACTIVITY	TOTAL	TYPE OF EMPLOYER								NOT EMPLOYED	NO REPORT OF TYPE OF EMPLOYER
		EDUCATIONAL INSTITUTIONS	FEDERAL GOVERNMENT	OTHER GOVERNMENT	NONPROFIT ORGANIZATIONS	INDUSTRY AND BUSINESS	SELF-EMPLOYED	MILITARY	OTHER		
PHYSICS	7,392	2,406	1,223	37	145	2,479	70	219	5	711	109
RESEARCH AND DEVELOPMENT (A)	3,442	1,228	727	14	76	1,365	17	42	1	------	8
BASIC RESEARCH	1,327	1,035	192	5	25	86	2	21	------	------	8
APPLIED RESEARCH	1,880	169	441	7	51	730	6	23	1	------	------
MANAGEMENT OR ADMINISTRATION (B)	1,209	79	526	5	24	606	19	67	1	------	------
MANAGEMENT OR ADMINISTRATION OF RESEARCH AND DEVELOPMENT	719	60	242	1	19	382	10	15	------	------	------
TEACHING	1,006	477	5	2	2	13	------	13	1	------	------
PRODUCTION AND INSPECTION	131	4	8	1	2	106	5	4	1	------	------
CONSULTING	119	6	12	7	6	67	22	------	------	------	------
EXPLORATION, FORECASTING, AND REPORTING	362	69	91	4	11	142	4	30	------	------	------
OTHER	145	11	34	5	9	55	------	31	------	------	------
NOT EMPLOYED	711	------	------	------	------	------	------	------	------	711	------
NO REPORT	230	47	20	------	8	27	1	42	1	------	105
MATHEMATICS	4,349	742	404	97	100	2,486	79	199	41	184	15
RESEARCH AND DEVELOPMENT (A)	661	76	159	10	90	313	6	10	8	------	8
BASIC RESEARCH	71	41	13	2	3	11	------	------	------	------	1
APPLIED RESEARCH	471	25	119	4	75	232	6	7	6	------	1
MANAGEMENT OR ADMINISTRATION (B)	1,750	41	117	41	67	1,350	15	69	8	------	2
MANAGEMENT OR ADMINISTRATION OF RESEARCH AND DEVELOPMENT	609	14	41	9	24	496	6	8	2	------	------
TEACHING	586	531	8	6	5	19	3	8	5	------	------
PRODUCTION AND INSPECTION	89	3	8	7	2	58	------	6	1	------	------
CONSULTING	412	6	15	7	4	321	51	5	8	------	------
EXPLORATION, FORECASTING, AND REPORTING	306	10	65	13	6	196	2	13	1	------	------
OTHER	196	19	18	8	5	117	1	21	7	------	------
NOT EMPLOYED	184	------	------	------	------	------	------	------	------	184	------
NO REPORT	133	12	19	5	3	73	3	7	1	------	10
COMPUTER SCIENCES	5,436	409	528	96	162	3,891	56	81	27	182	4
RESEARCH AND DEVELOPMENT (A)	1,841	166	177	27	72	1,362	6	20	5	------	2
BASIC RESEARCH	49	24	7	------	2	14	------	1	------	------	------
APPLIED RESEARCH	799	79	93	19	51	544	1	9	5	------	------
MANAGEMENT OR ADMINISTRATION (B)	1,517	99	147	27	46	1,162	7	22	7	------	------
MANAGEMENT OR ADMINISTRATION OF RESEARCH AND DEVELOPMENT	704	27	71	6	24	566	4	8	------	------	------
TEACHING	49	20	7	1	------	23	2	------	------	------	------
PRODUCTION AND INSPECTION	97	2	16	------	3	66	------	6	1	------	------
CONSULTING	605	17	23	4	7	454	95	5	2	------	------
EXPLORATION, FORECASTING, AND REPORTING	800	41	127	22	25	560	2	20	3	------	------
OTHER	270	17	23	7	8	199	6	8	6	------	1
NOT EMPLOYED	182	------	------	------	------	------	------	------	------	182	------
NO REPORT	91	7	19	6	1	56	------	2	1	------	1
AGRICULTURAL SCIENCES	8,520	981	3,888	1,041	83	1,719	268	198	52	153	96
RESEARCH AND DEVELOPMENT (A)	791	136	357	181	6	92	8	6	3	------	6
BASIC RESEARCH	200	48	93	48	1	6	1	1	1	------	1
APPLIED RESEARCH	587	88	263	133	3	83	7	5	2	------	3
MANAGEMENT OR ADMINISTRATION (B)	6,774	81	3,539	1,423	51	1,425	163	55	17	------	20
MANAGEMENT OR ADMINISTRATION OF RESEARCH AND DEVELOPMENT	707	26	223	319	6	109	17	2	3	------	2
TEACHING	175	124	20	12	1	6	1	4	4	------	3
PRODUCTION AND INSPECTION	37	------	7	1	------	27	2	------	------	------	------
CONSULTING	66	1	12	24	1	13	14	1	------	------	------
EXPLORATION, FORECASTING, AND REPORTING	159	5	107	16	7	16	5	2	1	------	------
OTHER	626	24	263	145	17	98	38	36	4	------	1
NOT EMPLOYED	153	------	------	------	------	------	------	------	------	153	------
NO REPORT	241	10	85	37	2	46	17	35	1	------	8

TABLE B-91. NUMBER OF BACHELOR'S DEGREE SCIENTISTS, BY FIELD, PRIMARY WORK ACTIVITY, AND TYPE OF EMPLOYER, 1972--CONTINUED

SCIENTIFIC AND TECHNICAL FIELD AND PRIMARY WORK ACTIVITY	TOTAL	TYPE OF EMPLOYER								NOT EMPLOYED	NO REPORT OF TYPE OF EMPLOYER
		EDUCATIONAL INSTITUTIONS	FEDERAL GOVERNMENT	OTHER GOVERNMENT	NONPROFIT ORGANIZATIONS	INDUSTRY AND BUSINESS	SELF-EMPLOYED	MILITARY	OTHER		
BIOLOGICAL SCIENCES	6,219	2,177	913	490	373	1,337	127	119	71	546	69
RESEARCH AND DEVELOPMENT (R)	1,444	558	317	115	77	326	6	18	12	---	12
BASIC RESEARCH	741	425	156	47	37	67	3	10	10	---	6
APPLIED RESEARCH	696	133	160	67	41	213	6	9	2	---	6
MANAGEMENT OR ADMINISTRATION (R)	1,437	49	406	255	120	487	46	55	26	---	6
MANAGEMENT OR ADMINISTRATION OF RESEARCH AND DEVELOPMENT	719	25	62	49	36	190	8	4	5	---	2
TEACHING	1,475	1,388	13	16	17	6	---	13	14	---	4
PRODUCTION AND INSPECTION	73	2	6	3	---	77	---	1	2	---	---
CONSULTING	296	14	22	57	67	76	36	12	12	---	2
EXPLORATION, FORECASTING, AND REPORTING	75	6	27	7	5	30	3	3	1	---	1
OTHER	411	58	173	86	17	133	11	29	8	---	2
NOT EMPLOYED	546	---	---	---	---	---	---	---	---	546	---
NO REPORT	170	58	23	21	8	26	10	11	7	---	69
PSYCHOLOGY	211	49	22	58	15	26	14	1	---	25	1
RESEARCH AND DEVELOPMENT (R)	40	31	5	4	4	5	2	1	---	---	---
BASIC RESEARCH	17	8	---	1	1	---	---	---	---	---	---
APPLIED RESEARCH	48	23	4	3	3	8	2	1	---	---	---
MANAGEMENT OR ADMINISTRATION (R)	66	7	9	37	4	12	1	---	---	---	1
MANAGEMENT OR ADMINISTRATION OF RESEARCH AND DEVELOPMENT	16	1	5	1	---	7	---	---	---	---	---
TEACHING	19	17	---	2	---	---	---	---	---	---	---
PRODUCTION AND INSPECTION	---	---	---	---	---	---	---	---	---	---	---
CONSULTING	55	12	8	31	3	6	19	---	---	---	---
EXPLORATION, FORECASTING, AND REPORTING	2	---	---	1	---	---	1	---	---	---	---
OTHER	4	1	---	1	---	1	1	---	---	---	---
NOT EMPLOYED	25	---	---	---	---	---	---	---	---	25	---
NO REPORT	4	1	---	1	---	---	---	---	---	---	2
STATISTICS	532	26	236	56	25	140	8	5	4	22	---
RESEARCH AND DEVELOPMENT (R)	109	7	49	16	5	31	---	1	1	---	---
BASIC RESEARCH	13	4	5	2	---	---	---	1	---	---	---
APPLIED RESEARCH	89	3	41	12	6	26	---	---	1	---	---
MANAGEMENT OR ADMINISTRATION (R)	156	4	78	23	6	65	---	---	1	---	---
MANAGEMENT OR ADMINISTRATION OF RESEARCH AND DEVELOPMENT	59	6	23	16	2	16	---	---	---	---	---
TEACHING	2	2	---	---	---	---	---	---	---	---	---
PRODUCTION AND INSPECTION	49	---	16	---	1	32	---	---	1	---	---
CONSULTING	46	3	18	7	---	18	6	1	---	---	---
EXPLORATION, FORECASTING, AND REPORTING	110	6	56	15	7	27	1	2	---	---	---
OTHER	28	2	16	7	---	5	1	1	1	---	---
NOT EMPLOYED	22	---	---	---	---	---	---	---	---	22	---
NO REPORT	14	2	7	---	1	3	---	---	---	---	---
ECONOMICS	1,042	245	270	96	56	529	31	9	6	41	7
RESEARCH AND DEVELOPMENT (R)	236	57	73	31	23	41	8	1	2	---	---
BASIC RESEARCH	62	25	15	4	7	5	2	---	---	---	---
APPLIED RESEARCH	156	30	58	27	13	35	5	1	2	---	---
MANAGEMENT OR ADMINISTRATION (R)	365	20	110	41	10	141	7	6	7	---	2
MANAGEMENT OR ADMINISTRATION OF RESEARCH AND DEVELOPMENT	176	6	50	23	8	46	5	2	---	---	---
TEACHING	156	152	1	---	---	2	---	---	---	---	1
PRODUCTION AND INSPECTION	41	1	6	1	2	28	2	1	---	---	---
CONSULTING	65	1	8	1	2	42	10	---	1	---	---
EXPLORATION, FORECASTING, AND REPORTING	116	2	41	9	6	53	9	1	1	---	---
OTHER	55	8	25	8	1	10	1	1	---	---	1
NOT EMPLOYED	41	---	---	---	---	---	---	---	---	41	---
NO REPORT	29	6	6	1	6	6	---	1	---	---	3

TABLE A-40. NUMBER OF BACHELOR'S DEGREE SCIENTISTS, BY FIELD, PRIMARY WORK ACTIVITY, AND TYPE OF EMPLOYER, 1970--CONTINUED

SCIENTIFIC AND TECHNICAL FIELD AND PRIMARY WORK ACTIVITY	TOTAL	TYPE OF EMPLOYER: EDUCATIONAL INSTITUTIONS	FEDERAL GOVERNMENT	OTHER GOVERNMENT	NONPROFIT ORGANIZATIONS	INDUSTRY AND BUSINESS	SELF-EMPLOYED	MILITARY	OTHER	NOT EMPLOYED	NO REPORT OF TYPE OF EMPLOYER
SOCIOLOGY	750	347	35	64	48	18	4	7	4	157	66
RESEARCH AND DEVELOPMENT [a]	186	104	9	19	29	11	4	—	3	—	4
BASIC RESEARCH	110	69	2	6	21	2	2	—	2	—	2
APPLIED RESEARCH	76	35	7	13	8	8	2	—	1	—	2
MANAGEMENT OR ADMINISTRATION [b]	78	11	19	14	19	7	—	2	4	—	2
MANAGEMENT OR ADMINISTRATION OF RESEARCH AND DEVELOPMENT	37	8	6	4	6	4	—	1	7	—	—
TEACHING	225	210	—	3	2	—	—	2	—	—	8
PRODUCTION AND INSPECTION	—	—	—	—	—	—	—	—	—	—	—
CONSULTING	8	2	—	4	2	—	—	—	—	—	—
EXPLORATION, FORECASTING, AND REPORTING	19	5	3	4	4	—	1	1	1	—	—
OTHER	56	23	2	11	9	1	1	2	—	—	7
NOT EMPLOYED	157	—	—	—	—	—	—	—	—	157	—
NO REPORT	75	14	2	9	—	—	2	—	—	—	48
POLITICAL SCIENCE	49	32	6	1	2	—	—	—	3	4	1
RESEARCH AND DEVELOPMENT [a]	5	5	—	—	—	—	—	—	—	—	—
BASIC RESEARCH	4	4	—	—	—	—	—	—	—	—	—
APPLIED RESEARCH	1	1	—	—	—	—	—	—	—	—	—
MANAGEMENT OR ADMINISTRATION [b]	9	4	2	1	—	—	—	—	1	—	1
MANAGEMENT OR ADMINISTRATION OF RESEARCH AND DEVELOPMENT	4	3	1	—	—	—	—	—	—	—	—
TEACHING	23	22	—	—	—	—	—	—	1	—	—
PRODUCTION AND INSPECTION	—	—	—	—	—	—	—	—	—	—	—
CONSULTING	—	—	—	—	—	—	—	—	—	—	—
EXPLORATION, FORECASTING, AND REPORTING	3	—	2	—	1	—	—	—	—	—	—
OTHER	2	1	—	—	—	—	—	—	1	—	—
NOT EMPLOYED	4	—	—	—	—	—	—	—	—	4	—
NO REPORT	2	—	1	—	1	—	—	—	—	—	—
ANTHROPOLOGY	17	7	1	—	2	—	1	—	1	5	—
RESEARCH AND DEVELOPMENT [a]	7	4	1	—	1	—	1	—	—	—	—
BASIC RESEARCH	6	4	1	—	1	—	—	—	—	—	—
APPLIED RESEARCH	1	—	—	—	—	—	1	—	—	—	—
MANAGEMENT OR ADMINISTRATION [b]	1	1	—	—	—	—	—	—	—	—	—
MANAGEMENT OR ADMINISTRATION OF RESEARCH AND DEVELOPMENT	1	1	—	—	—	—	—	—	—	—	—
TEACHING	1	1	—	—	—	—	—	—	—	—	—
PRODUCTION AND INSPECTION	—	—	—	—	—	—	—	—	—	—	—
CONSULTING	—	—	—	—	—	—	—	—	—	—	—
EXPLORATION, FORECASTING, AND REPORTING	1	—	—	—	1	—	—	—	—	—	—
OTHER	—	—	—	—	—	—	—	—	—	—	—
NOT EMPLOYED	5	—	—	—	—	—	—	—	—	5	—
NO REPORT	1	—	—	—	—	—	—	—	1	—	—
LINGUISTICS	161	71	6	—	22	6	1	7	3	50	1
RESEARCH AND DEVELOPMENT [a]	36	21	—	—	13	5	—	1	1	—	—
BASIC RESEARCH	24	18	—	—	4	1	—	—	—	—	—
APPLIED RESEARCH	11	3	—	—	5	1	—	1	1	—	—
MANAGEMENT OR ADMINISTRATION [b]	17	7	6	—	5	2	—	1	—	—	—
MANAGEMENT OR ADMINISTRATION OF RESEARCH AND DEVELOPMENT	4	2	—	—	1	1	—	—	—	—	—
TEACHING	50	50	—	—	—	—	—	—	—	—	—
PRODUCTION AND INSPECTION	—	—	—	—	—	—	—	—	—	—	—
CONSULTING	3	—	1	—	—	1	1	—	—	—	—
EXPLORATION, FORECASTING, AND REPORTING	15	1	3	—	3	2	—	1	—	—	—
OTHER	29	12	1	—	5	1	—	2	2	—	—
NOT EMPLOYED	50	—	—	—	—	—	—	—	—	50	—
NO REPORT	4	—	—	—	1	—	—	2	—	—	1

[a]INCLUDES DEVELOPMENT OR DESIGN.
[b]INCLUDES MANAGEMENT OR ADMINISTRATION OF OTHER THAN RESEARCH AND DEVELOPMENT.

SOURCE - NATIONAL REGISTER OF SCIENTIFIC AND TECHNICAL PERSONNEL, 1970.

TABLE A-13. NUMBER OF SCIENTISTS, BY FIELD, YEARS OF PROFESSIONAL EXPERIENCE, AND TYPE OF EMPLOYER, 1970

SCIENTIFIC AND TECHNICAL FIELD AND YEARS OF PROFESSIONAL EXPERIENCE	TOTAL	TYPE OF EMPLOYER								NOT EMPLOYED	NO REPORT OF TYPE OF EMPLOYER
		EDUCATIONAL INSTITUTIONS	FEDERAL GOVERNMENT	OTHER GOVERNMENT	NONPROFIT ORGANIZATIONS	INDUSTRY AND BUSINESS	SELF-EMPLOYED	MILITARY	OTHER		
ALL FIELDS	312,444	130,309	31,118	11,741	10,911	97,542	6,314	7,205	2,116	12,928	2,320
1 OR LESS	10,794	4,909	457	940	346	2,323	29	750	62	857	121
2 TO 4	44,968	23,248	2,931	1,691	1,421	10,719	225	1,940	312	2,221	280
5 TO 9	57,757	27,712	5,449	2,219	2,033	16,767	523	1,234	359	1,683	236
10 TO 14	44,330	18,272	5,075	1,853	1,665	14,870	771	834	204	563	147
15 TO 19	36,242	13,156	4,136	1,409	1,402	13,681	1,056	656	273	365	98
20 TO 24	30,422	10,604	3,759	1,200	1,191	11,611	983	390	166	319	119
25 TO 29	15,457	5,124	2,349	502	563	6,088	460	198	124	191	54
30 TO 34	13,066	4,471	1,727	458	443	5,033	438	74	88	275	59
35 TO 39	6,993	2,656	736	269	271	2,312	366	24	43	314	44
40 OR MORE	5,703	2,260	443	183	208	1,097	518	4	60	866	64
NO REPORT	46,712	17,737	4,056	1,503	1,398	13,041	967	1,101	375	5,274	1,100
CHEMISTRY	86,980	19,844	5,029	1,493	2,151	50,690	1,012	1,399	879	3,541	747
1 OR LESS	4,051	1,524	91	75	120	1,517	10	287	48	314	65
2 TO 4	11,828	4,218	422	206	296	5,520	31	457	130	483	67
5 TO 9	12,228	3,432	656	206	307	6,961	39	143	105	330	49
10 TO 14	9,607	2,074	683	155	232	6,096	70	61	107	92	37
15 TO 19	9,250	1,453	628	154	263	6,427	90	32	90	85	24
20 TO 24	8,606	1,176	615	160	241	6,107	98	22	74	88	27
25 TO 29	5,864	778	493	90	190	4,065	91	12	70	60	15
30 TO 34	4,853	636	357	89	95	3,422	94	6	42	94	20
35 TO 39	2,471	397	141	56	59	1,577	84	4	11	128	16
40 OR MORE	1,821	343	100	44	36	689	158	-------	26	391	34
NO REPORT	16,463	3,817	843	254	376	8,509	249	375	174	1,480	388
EARTH & MARINE SCIENCES	23,756	6,535	3,046	1,206	249	9,973	1,406	209	119	869	123
1 OR LESS	899	377	47	58	5	251	2	58	2	93	6
2 TO 4	2,880	1,332	260	167	39	720	20	106	21	194	21
5 TO 9	3,641	1,494	493	198	46	1,151	58	51	22	111	17
10 TO 14	3,914	1,019	526	267	39	1,780	175	19	23	60	11
15 TO 19	4,058	606	523	207	37	2,294	306	16	16	49	6
20 TO 24	3,436	529	499	110	29	1,863	316	15	11	48	8
25 TO 29	1,099	236	234	91	13	458	101	2	6	36	2
30 TO 34	1,142	205	175	37	11	547	119	1	7	37	3
35 TO 39	592	131	68	14	6	259	83	1	4	23	3
40 OR MORE	554	133	58	18	6	156	133	-------	5	40	5
NO REPORT	1,541	413	163	39	18	554	91	22	2	198	41
ATMOSPHERIC & SPACE SCIENCES	6,637	1,017	2,044	118	96	768	45	2,131	16	341	52
1 OR LESS	313	67	26	8	1	21	-------	165	-------	24	1
2 TO 4	847	202	122	10	9	55	1	411	2	31	4
5 TO 9	957	180	225	20	15	110	3	369	2	29	4
10 TO 14	921	100	272	14	16	97	6	397	2	17	-------
15 TO 19	866	94	270	9	16	98	4	337	1	27	1
20 TO 24	748	89	296	23	15	116	5	175	3	22	4
25 TO 29	819	91	421	20	12	136	6	101	1	27	4
30 TO 34	324	47	180	4	5	42	8	16	1	17	4
35 TO 39	77	9	41	-------	1	8	2	3	1	9	3
40 OR MORE	72	9	27	7	-------	5	2	-------	-------	21	1
NO REPORT	693	129	164	8	6	80	3	157	3	117	26
PHYSICS	36,336	16,085	3,912	101	902	9,819	205	763	60	2,116	293
1 OR LESS	1,807	1,078	97	6	37	287	8	119	5	164	6
2 TO 4	6,214	3,699	405	20	112	1,350	19	184	10	316	19
5 TO 9	8,275	4,264	900	19	192	2,371	27	165	18	260	19
10 TO 14	5,334	2,402	713	15	150	1,843	30	79	8	79	7
15 TO 19	3,783	1,658	494	10	117	1,375	30	42	7	47	3
20 TO 24	2,718	1,188	399	7	100	920	35	21	3	40	5
25 TO 29	1,448	611	233	5	51	505	32	11	1	18	1
30 TO 34	1,097	504	174	3	41	309	27	3	1	33	2
35 TO 39	574	298	53	1	22	136	25	-------	1	36	2
40 OR MORE	577	306	56	2	17	76	35	-------	1	83	1
NO REPORT	4,489	2,097	220	13	55	647	17	159	5	1,040	228
MATHEMATICS	24,400	14,020	1,243	249	488	6,364	192	574	137	1,041	92
1 OR LESS	325	276	7	-------	6	18	-------	6	2	12	-------
2 TO 4	4,114	2,703	133	25	56	653	7	196	19	307	15
5 TO 9	6,462	3,881	279	57	106	1,615	36	142	28	291	27
10 TO 14	4,226	2,304	227	49	74	1,331	30	96	28	84	13
15 TO 19	2,675	1,303	101	33	79	917	47	60	17	33	5
20 TO 24	2,140	1,095	159	22	63	715	18	23	11	25	9
25 TO 29	933	519	94	17	28	236	9	13	5	16	-------
30 TO 34	816	489	55	15	22	186	13	6	9	18	7
35 TO 39	515	336	27	9	9	102	6	1	1	23	1
40 OR MORE	459	296	12	6	6	45	14	-------	4	73	3
NO REPORT	1,735	820	69	16	39	550	12	43	13	161	12

TABLE A-15. NUMBER OF SCIENTISTS, BY FIELD, YEARS OF PROFESSIONAL EXPERIENCE, AND TYPE OF EMPLOYER, 1970--CONTINUED

SCIENTIFIC AND TECHNICAL FIELD AND YEARS OF PROFESSIONAL EXPERIENCE	TOTAL	TYPE OF EMPLOYER								NOT EMPLOYED	NO REPORT OF TYPE OF EMPLOYER
		EDUCATIONAL INSTITUTIONS	FEDERAL GOVERNMENT	OTHER GOVERNMENT	NONPROFIT ORGANIZATIONS	INDUSTRY AND BUSINESS	SELF-EMPLOYED	MILITARY	OTHER		
COMPUTER SCIENCES	11,376	1,433	882	140	431	7,462	136	243	67	526	10
1 OR LESS	71	10	------	1	1	8	------	------	------	1	------
2 TO 4	1,767	366	107	17	47	1,043	9	91	15	70	2
5 TO 9	3,729	561	255	44	111	2,471	33	96	14	180	3
10 TO 14	2,627	502	208	38	95	1,899	41	29	11	89	1
15 TO 19	1,302	153	116	16	51	896	16	27	6	22	1
20 TO 24	711	40	78	11	58	457	54	8	4	7	------
25 TO 29	213	25	35	3	15	118	5	1	3	6	1
30 TO 34	109	14	18	2	8	54	4	2	------	5	------
35 TO 39	37	5	10	------	4	13	------	1	------	1	------
40 OR MORE	13	6	------	1	------	2	4	------	------	2	------
NO REPORT	831	47	47	22	32	549	10	27	4	57	2
AGRICULTURAL SCIENCES	15,730	3,969	5,725	2,633	212	2,541	956	199	71	331	77
1 OR LESS	174	32	28	21	4	25	2	11	2	13	------
2 TO 4	1,763	420	507	594	18	263	27	51	11	49	9
5 TO 9	2,550	489	1,050	518	26	410	33	18	11	29	12
10 TO 14	2,556	415	1,089	477	27	333	42	8	5	13	3
15 TO 19	1,753	408	666	304	22	320	50	------	5	5	3
20 TO 24	1,726	417	603	291	18	323	58	------	3	5	4
25 TO 29	619	166	226	47	12	106	17	1	2	6	5
30 TO 34	614	171	241	65	9	99	16	1	3	2	3
35 TO 39	361	93	152	34	9	37	15	------	2	16	3
40 OR MORE	171	42	96	19	3	22	13	------	4	12	2
NO REPORT	3,438	857	1,152	477	56	457	109	112	19	170	92
BIOLOGICAL SCIENCES	47,449	28,778	4,912	1,917	2,996	4,834	891	1,075	337	1,425	366
1 OR LESS	1,134	705	80	54	70	101	2	56	16	44	8
2 TO 4	6,119	3,999	467	287	395	495	36	286	40	244	54
5 TO 9	8,571	5,428	903	310	528	745	75	173	41	188	45
10 TO 14	6,773	4,265	709	240	452	727	106	116	36	60	47
15 TO 19	5,550	3,358	642	196	350	668	122	105	27	43	26
20 TO 24	4,563	2,467	525	145	325	521	115	86	91	27	31
25 TO 29	2,292	1,756	284	104	173	251	68	46	16	13	20
30 TO 34	1,897	1,091	220	106	190	208	74	36	17	12	9
35 TO 39	1,175	636	137	69	107	92	46	13	4	16	9
40 OR MORE	605	452	96	56	87	45	50	3	12	95	9
NO REPORT	9,135	5,090	931	366	429	964	208	210	45	790	182
PSYCHOLOGY	26,771	16,969	1,549	2,550	2,072	1,963	1,617	246	166	1,259	104
1 OR LESS	532	369	26	58	49	25	3	16	2	17	1
2 TO 4	3,940	2,037	130	371	278	276	55	91	26	116	19
5 TO 9	5,152	3,069	247	504	456	395	178	47	32	125	25
10 TO 14	4,266	2,490	251	449	380	330	296	19	25	47	15
15 TO 19	3,661	2,053	285	396	312	362	368	28	32	31	17
20 TO 24	2,786	1,529	209	225	193	247	290	25	17	31	21
25 TO 29	1,048	505	125	83	68	70	107	1	4	15	5
30 TO 34	883	527	75	64	60	59	61	1	3	26	7
35 TO 39	459	241	33	58	26	29	58	1	2	24	2
40 OR MORE	486	220	19	34	27	17	56	1	2	104	6
NO REPORT	3,558	1,732	191	265	222	206	272	80	17	546	67
STATISTICS	2,953	1,075	599	194	125	773	36	67	12	127	22
1 OR LESS	50	29	2	1	2	13	------	2	------	1	------
2 TO 4	509	267	65	10	14	117	------	27	1	41	7
5 TO 9	677	273	101	21	26	191	3	9	7	91	2
10 TO 14	491	171	102	25	20	155	3	1	1	11	2
15 TO 19	369	97	85	15	19	120	7	4	------	1	1
20 TO 24	317	87	92	26	19	82	6	1	1	3	2
25 TO 29	153	39	60	10	10	30	3	1	------	------	------
30 TO 34	147	38	68	16	7	28	1	------	1	8	------
35 TO 39	57	19	10	6	2	9	4	------	1	6	------
40 OR MORE	38	13	8	3	------	9	4	------	------	6	------
NO REPORT	255	62	51	6	8	55	5	2	------	15	8
ECONOMICS	13,396	7,069	1,513	606	530	1,822	216	126	47	563	64
1 OR LESS	444	209	31	23	13	95	------	12	------	42	1
2 TO 4	2,132	1,369	158	113	86	236	13	52	7	81	9
5 TO 9	2,603	1,625	255	151	98	361	21	17	10	57	8
10 TO 14	1,807	1,100	231	84	72	264	19	9	7	18	3
15 TO 19	1,336	769	156	69	64	238	23	3	5	6	3
20 TO 24	1,605	967	210	95	68	240	27	6	5	13	4
25 TO 29	696	382	126	54	71	101	16	4	1	9	------
30 TO 34	638	349	117	39	26	75	16	------	1	13	2
35 TO 39	378	198	58	18	15	46	16	------	2	22	3
40 OR MORE	356	170	32	12	16	26	50	------	2	57	3
NO REPORT	1,471	567	139	52	51	202	25	21	7	225	28

TABLE A-17. NUMBER OF SCIENTISTS, BY FIELD, YEARS OF PROFESSIONAL EXPERIENCE, AND TYPE OF EMPLOYER, 1970--CONTINUED

SCIENTIFIC AND TECHNICAL FIELD AND YEARS OF PROFESSIONAL EXPERIENCE	TOTAL	TYPE OF EMPLOYER								NOT EMPLOYED	NO REPORT OF TYPE OF EMPLOYER
		EDUCA-TIONAL INSTI-TUTIONS	FEDERAL GOVERN-MENT	OTHER GOVERN-MENT	NONPROFIT ORGANIZA-TIONS	INDUSTRY AND BUSINESS	SELF-EMPLOYED	MILITARY	OTHER		
SOCIOLOGY	7,658	5,674	224	300	346	129	57	49	56	612	211
1 OR LESS	497	342	9	18	15	6	2	9	2	71	23
2 TO 4	1,676	1,259	30	71	80	25	6	17	11	116	61
5 TO 9	1,434	1,151	37	54	66	23	10	7	14	60	12
10 TO 14	905	733	27	47	44	17	7	1	4	19	6
15 TO 19	627	494	36	30	28	17	5	5	3	6	3
20 TO 24	562	462	24	20	29	9	6	1	4	5	2
25 TO 29	251	206	12	8	11	4	6	------	3	1	------
30 TO 34	203	156	12	8	16	3	1	------	2	5	------
35 TO 39	124	103	2	4	7	2	2	------	1	3	------
40 OR MORE	95	77	3	1	6	------	2	------	------	6	------
NO REPORT	1,284	691	32	39	44	23	10	9	12	320	104
POLITICAL SCIENCE	6,497	4,998	349	227	219	117	29	93	51	343	65
1 OR LESS	462	326	16	16	15	14	------	8	4	53	10
2 TO 4	1,433	1,096	60	52	45	17	2	27	11	112	11
5 TO 9	1,215	988	58	40	26	15	4	15	12	39	8
10 TO 14	664	506	47	27	22	22	6	15	2	15	2
15 TO 19	545	426	36	27	21	15	4	4	5	4	3
20 TO 24	480	367	39	25	22	7	2	7	5	5	1
25 TO 29	211	142	23	10	10	8	------	5	1	8	4
30 TO 34	226	163	26	6	13	5	3	4	1	2	1
35 TO 39	118	86	4	4	8	2	4	------	1	7	2
40 OR MORE	108	76	4	2	4	1	1	------	7	9	------
NO REPORT	1,038	826	41	14	35	11	9	8	8	63	23
ANTHROPOLOGY	1,325	1,070	29	14	37	11	16	2	72	67	7
1 OR LESS	16	14	------	------	1	------	------	1	------	------	------
2 TO 4	139	129	1	1	4	------	------	------	5	2	1
5 TO 9	227	206	4	2	3	------	2	------	6	4	------
10 TO 14	202	171	4	4	7	1	1	------	12	2	------
15 TO 19	124	105	3	2	5	3	------	------	5	1	------
20 TO 24	113	87	5	1	6	1	1	1	4	2	------
25 TO 29	43	30	2	------	2	1	1	------	7	------	------
30 TO 34	43	30	3	------	------	------	1	------	4	5	------
35 TO 39	40	27	------	------	------	------	1	------	8	4	------
40 OR MORE	48	26	1	1	------	2	3	------	9	13	1
NO REPORT	330	251	6	5	9	3	6	------	13	36	5
LINGUISTICS	1,902	1,417	53	7	127	56	10	11	24	187	12
1 OR LESS	57	39	------	------	5	2	------	2	1	8	------
2 TO 4	278	220	4	2	8	3	1	2	3	36	1
5 TO 9	351	280	8	------	26	8	1	------	5	23	2
10 TO 14	289	220	11	2	27	15	1	------	5	7	1
15 TO 19	163	123	8	1	18	5	1	------	2	3	2
20 TO 24	135	112	6	1	10	3	1	1	1	------	------
25 TO 29	70	58	3	------	6	3	------	------	------	------	------
30 TO 34	62	53	6	------	2	------	------	------	------	------	1
35 TO 39	41	39	------	------	1	1	------	------	------	------	------
40 OR MORE	62	55	------	------	------	2	------	------	------	4	1
NO REPORT	464	286	9	1	26	12	5	6	7	108	4

SOURCE - NATIONAL REGISTER OF SCIENTIFIC AND TECHNICAL PERSONNEL, 1970.

TABLE A-11. NUMBER OF SCIENTISTS, BY FIELD, AGE, AND PRIMARY WORK ACTIVITY, 1973

SCIENTIFIC AND TECHNICAL FIELD AND AGE	TOTAL	PRIMARY WORK ACTIVITY										NOT EMPLOYED	NO REPORT OF WORK ACTIVITY
		RESEARCH AND DEVELOPMENT			MANAGEMENT OR ADMINISTRATION		TEACHING	PRO-DUCTION AND INSPEC-TION	CON-SULTING	EXPLORA-TION, FORE-CASTING, REPORTING	OTHER		
		TOTAL R&D	BASIC RESEARCH	APPLIED RESEARCH	TOTAL MGT	OF R&D							
ALL FIELDS - - - - - -	317,844	87,278	44,564	42,714	48,704	24,729	72,408	16,388	14,564	14,585	9,113	12,908	8,264
24 AND UNDER - - - - - -	4,785	2,435	1,893	542	298	51	1,932	628	76	936	452	857	351
25-29 - - - - - - - -	52,478	22,179	12,769	9,410	4,121	1,183	11,910	2,960	1,890	2,402	1,555	4,589	1,716
30-34 - - - - - - - -	57,477	22,157	13,373	8,784	8,174	5,706	15,585	2,566	2,417	2,526	1,464	7,232	1,187
35-39 - - - - - - - -	47,714	15,538	6,130	9,408	10,712	6,565	12,147	1,964	2,835	2,232	1,047	972	988
40-44 - - - - - - - -	44,613	12,520	3,043	9,477	12,403	6,762	9,858	2,232	2,296	2,453	928	699	1,029
45-49 - - - - - - - -	39,751	9,503	5,474	4,029	12,506	5,423	8,392	2,159	2,030	2,529	833	564	952
50-54 - - - - - - - -	27,493	5,385	2,187	3,198	9,665	4,427	5,696	1,443	1,477	1,233	624	445	692
55-59 - - - - - - - -	18,444	3,147	1,127	2,020	6,246	3,751	4,708	1,164	1,079	786	424	352	573
60-64 - - - - - - - -	10,474	1,918	876	1,042	3,217	1,364	2,672	411	753	389	255	464	416
65-69 - - - - - - - -	4,737	746	347	399	843	376	1,375	130	396	157	81	852	206
70 AND OVER - - - - - -	2,765	313	174	139	208	104	576	40	285	83	56	851	141
NO REPORT - - - - - -	928	264	127	137	176	85	222	29	86	28	25	96	42
CHEMISTRY - - - - - -	86,840	31,198	12,664	18,534	21,420	11,447	10,268	15,436	1,676	810	2,474	4,541	2,197
24 AND UNDER - - - - - -	5,482	1,522	924	598	141	21	577	967	14	25	247	387	172
25-29 - - - - - - - -	15,724	7,965	4,106	3,859	376	165	1,613	2,592	114	178	665	1,399	572
30-34 - - - - - - - -	15,476	4,714	2,814	1,900	1,776	424	2,580	2,131	141	116	402	371	260
35-39 - - - - - - - -	17,988	4,173	1,982	2,191	2,472	1,450	1,636	1,500	98	84	257	169	191
40-44 - - - - - - - -	11,290	3,879	1,254	2,625	3,946	2,177	1,170	1,709	153	90	296	111	208
45-49 - - - - - - - -	11,188	3,265	802	2,463	4,619	2,478	1,036	1,734	176	113	268	123	213
50-54 - - - - - - - -	9,076	2,298	536	1,762	3,767	2,575	772	1,427	166	95	231	132	200
55-59 - - - - - - - -	6,185	1,000	264	736	2,565	1,393	565	1,048	178	62	145	115	157
60-64 - - - - - - - -	3,566	481	155	326	1,198	908	431	546	169	51	46	154	97
65-69 - - - - - - - -	1,199	118	46	72	275	141	216	119	112	17	19	361	62
70 AND OVER - - - - - -	637	89	56	33	76	66	78	52	107	18	10	389	52
NO REPORT - - - - - -	267	68	41	27	41	26	58	22	5	2	7	22	13
EARTH & MARINE SCIENCES - - - - -	23,756	3,852	2,076	1,776	4,294	1,205	4,566	3,553	744	6,385	365	869	795
24 AND UNDER - - - - - -	583	176	79	97	33	2	212	42	4	112	75	57	24
25-29 - - - - - - - -	2,729	634	409	225	129	27	635	184	46	596	62	267	122
30-34 - - - - - - - -	3,507	817	485	332	750	85	827	178	68	865	53	142	97
35-39 - - - - - - - -	3,900	718	358	371	629	188	846	267	155	1,038	59	67	91
40-44 - - - - - - - -	4,473	535	262	306	962	240	623	306	122	1,683	51	63	118
45-49 - - - - - - - -	3,752	410	185	225	874	271	498	325	137	1,298	44	68	106
50-54 - - - - - - - -	2,187	258	117	141	611	184	310	141	93	634	23	45	68
55-59 - - - - - - - -	1,426	187	100	87	569	123	206	80	78	372	14	42	80
60-64 - - - - - - - -	891	92	47	41	276	67	162	41	67	176	6	33	42
65-69 - - - - - - - -	368	40	29	11	94	16	82	8	58	78	5	33	30
70 AND OVER - - - - - -	180	13	8	5	28	9	15	5	56	46	2	27	17
NO REPORT - - - - - -	45	10	8	2	6	7	19	2	4	8	-------	5	2
ATMOSPHERIC & SPACE SCIENCES - - - - -	6,637	1,223	532	691	1,344	452	467	132	102	2,193	218	341	223
24 AND UNDER - - - - - -	297	47	31	16	4	-------	26	-------	-------	137	17	37	10
25-29 - - - - - - - -	1,190	272	145	127	48	17	73	19	15	606	56	76	52
30-34 - - - - - - - -	1,062	278	136	142	213	45	96	17	19	358	99	24	24
35-39 - - - - - - - -	885	188	71	117	267	61	62	19	8	277	33	12	28
40-44 - - - - - - - -	856	152	58	93	257	95	46	19	17	262	30	29	29
45-49 - - - - - - - -	857	128	47	81	336	86	63	15	15	229	16	37	20
50-54 - - - - - - - -	836	100	36	64	337	118	69	11	15	261	10	38	33
55-59 - - - - - - - -	456	45	9	36	192	37	33	6	7	155	12	15	13
60-64 - - - - - - - -	199	15	4	11	68	6	11	5	3	51	4	35	9
65-69 - - - - - - - -	56	4	2	2	7	2	3	-------	1	11	1	24	5
70 AND OVER - - - - - -	28	-------	-------	-------	-------	-------	3	-------	2	-------	-------	14	-------
NO REPORT - - - - - -	14	4	2	2	2	-------	1	1	-------	8	-------	5	-------
PHYSICS - - - - - -	36,336	17,544	9,216	8,328	5,665	3,461	8,418	240	412	775	377	2,116	994
24 AND UNDER - - - - - -	1,041	410	285	99	18	4	276	9	5	44	23	184	69
25-29 - - - - - - - -	8,440	4,433	3,165	1,268	279	121	1,395	58	36	253	93	1,046	337
30-34 - - - - - - - -	8,752	4,958	2,948	2,010	365	495	2,017	69	77	207	81	401	187
35-39 - - - - - - - -	5,729	2,534	1,389	1,145	933	662	1,445	58	42	105	67	116	111
40-44 - - - - - - - -	4,317	1,652	829	823	1,119	806	1,009	24	46	91	51	87	88
45-49 - - - - - - - -	3,950	1,284	523	567	1,106	777	879	26	62	63	42	52	80
50-54 - - - - - - - -	1,878	629	332	297	671	453	459	7	41	26	19	35	39
55-59 - - - - - - - -	1,212	329	162	167	396	225	410	6	36	16	9	29	39
60-64 - - - - - - - -	781	152	71	81	205	135	287	3	26	8	10	41	22
65-69 - - - - - - - -	451	69	37	32	61	32	165	-------	24	10	6	96	13
70 AND OVER - - - - - -	122	26	19	7	13	4	56	1	19	1	-------	23	6
NO REPORT - - - - - -	63	23	18	5	7	7	21	1	-------	1	1	6	3
MATHEMATICS - - - - -	24,400	4,306	2,082	2,224	4,765	1,816	10,602	146	1,103	763	640	1,041	571
24 AND UNDER - - - - - -	173	45	29	16	5	1	71	2	6	8	14	14	6
25-29 - - - - - - - -	5,161	1,217	708	509	446	156	2,264	28	206	218	202	334	106
30-34 - - - - - - - -	5,975	1,222	632	590	849	336	2,712	28	264	177	169	285	138
35-39 - - - - - - - -	4,065	738	357	381	992	406	1,867	33	197	122	103	123	93
40-44 - - - - - - - -	3,144	512	230	282	613	355	1,240	21	164	90	65	69	70
45-49 - - - - - - - -	2,219	355	118	237	716	259	810	16	104	49	42	43	66
50-54 - - - - - - - -	1,429	165	44	121	402	161	659	7	65	32	21	28	36
55-59 - - - - - - - -	1,072	117	45	72	249	81	540	9	49	26	22	21	27
60-64 - - - - - - - -	700	62	27	35	145	44	367	-------	27	16	10	31	20
65-69 - - - - - - - -	315	19	11	8	47	9	143	2	15	2	5	40	7
70 AND OVER - - - - - -	114	11	9	2	5	2	43	-------	9	2	1	48	3
NO REPORT - - - - - -	33	7	5	2	7	7	7	-------	9	1	1	5	1

TABLE B-11. NUMBER OF SCIENTISTS, BY FIELD, AGE, AND PRIMARY WORK ACTIVITY, 1970--CONTINUED

SCIENTIFIC AND TECHNICAL FIELD AND AGE	TOTAL	PRIMARY WORK ACTIVITY										NOT EMPLOYED	NO REPORT OF WORK ACTIVITY
		RESEARCH AND DEVELOPMENT			MANAGEMENT OR ADMINISTRATION		TEACHING	PRO-DUCTION AND INSPEC-TION	CON-SULTING	EXPLORA-TION, FORE-CASTING, REPORTING	OTHER		
		TOTAL (A)	BASIC RESEARCH	APPLIED RESEARCH	TOTAL (B)	OF R&D							
COMPUTER SCIENCES	11,324	4,066	245	2,335	3,233	1,585	431	133	1,034	1,397	902	524	202
24 AND UNDER	136	65	4	30	24	8	5	1	7	24	4	4	1
25-29	2,809	1,297	90	614	340	139	98	46	269	446	164	104	43
30-34	3,171	1,150	74	531	855	424	140	40	379	380	118	100	54
35-39	2,290	722	37	380	835	398	72	22	204	267	90	43	38
40-44	1,514	435	19	248	647	361	58	9	113	131	61	35	25
45-49	842	247	16	143	345	177	32	8	57	84	36	14	21
50-54	331	91	6	53	123	54	9	6	19	36	17	10	8
55-59	141	39	4	25	56	27	8	1	4	19	5	5	2
60-64	47	13	------	6	12	8	4	------	4	7	1	2	4
65-69	15	1	------	------	5	2	------	------	1	1	1	3	------
70 AND OVER	2	1	------	1	------	------	------	------	1	------	------	------	------
NO REPORT	25	7	------	4	5	2	1	------	3	4	2	2	1
AGRICULTURAL SCIENCES	15,735	3,444	800	2,538	8,857	1,743	1,336	55	94	249	992	311	474
24 AND UNDER	135	16	8	8	35	6	9	2	1	2	25	30	15
25-29	2,717	532	167	364	1,235	125	142	15	22	44	216	156	72
30-34	2,817	662	144	495	1,595	209	185	13	23	36	197	47	61
35-39	2,564	576	120	448	1,506	231	205	8	16	54	145	20	54
40-44	2,293	505	102	405	1,301	267	195	5	10	27	115	12	54
45-49	2,169	477	96	376	1,285	337	188	4	8	27	116	10	61
50-54	1,664	317	64	253	1,006	278	176	5	5	22	86	9	38
55-59	1,110	202	43	159	649	173	121	2	2	18	56	9	33
60-64	573	99	17	82	316	88	56	1	2	14	36	21	28
65-69	157	40	7	33	67	22	22	------	2	6	4	8	6
70 AND OVER	42	10	1	9	15	8	3	------	3	1	3	6	1
NO REPORT	46	9	3	6	25	4	2	------	------	------	4	3	3
BIOLOGICAL SCIENCES	47,495	18,605	12,546	6,059	8,395	3,896	14,206	90	2,166	316	1,144	1,425	1,348
24 AND UNDER	345	114	83	31	5	------	113	2	13	1	21	63	13
25-29	6,144	2,890	2,232	658	348	101	1,725	18	214	43	213	571	144
30-34	8,345	3,981	2,886	1,096	714	284	2,533	19	340	40	213	346	143
35-39	7,825	3,434	2,292	1,142	1,109	529	2,439	9	330	40	194	170	180
40-44	7,707	3,007	1,977	1,028	1,467	732	2,366	21	327	51	141	88	239
45-49	6,371	2,191	1,328	863	1,505	817	1,838	5	302	37	141	58	214
50-54	4,411	1,378	787	591	1,234	623	1,263	7	230	29	95	41	132
55-59	3,060	748	441	307	911	421	949	4	191	31	76	42	107
60-64	1,984	483	274	208	533	252	652	5	116	19	47	27	102
65-69	871	242	148	93	197	105	282	------	61	7	21	25	41
70 AND OVER	271	84	56	28	49	27	42	------	22	8	7	31	28
NO REPORT	155	52	30	22	26	8	44	------	12	------	5	11	5
PSYCHOLOGY	26,271	6,102	1,679	4,150	4,920	1,578	6,806	13	6,446	95	328	1,059	494
24 AND UNDER	41	15	3	11	2	1	13	------	10	------	------	1	------
25-29	2,551	841	270	540	171	78	717	1	581	13	39	144	50
30-34	4,515	1,263	467	725	670	177	1,340	2	963	20	61	144	62
35-39	4,348	1,090	360	689	755	287	1,277	1	977	17	45	110	67
40-44	4,731	1,032	257	723	1,127	346	1,131	2	1,200	14	53	87	90
45-49	4,006	785	162	581	1,061	319	897	1	1,069	13	45	72	63
50-54	2,596	477	85	362	695	186	595	3	673	7	37	52	57
55-59	1,670	292	25	255	401	112	411	------	453	2	24	43	44
60-64	1,052	159	22	130	222	52	267	3	311	3	17	42	28
65-69	520	86	16	65	56	13	116	------	119	4	7	128	16
70 AND OVER	366	41	7	33	13	4	33	------	62	2	5	195	15
NO REPORT	129	32	5	26	12	4	29	------	32	------	1	21	2
STATISTICS	2,959	767	182	546	570	286	579	115	329	317	89	127	80
24 AND UNDER	16	6	2	4	1	1	4	------	1	1	2	1	------
25-29	472	150	50	93	28	13	83	15	63	64	15	41	15
30-34	630	159	50	106	63	31	175	24	76	98	17	34	23
35-39	476	139	33	98	68	42	108	20	52	30	7	19	13
40-44	411	125	18	99	108	66	65	15	45	42	7	2	2
45-49	353	75	9	61	119	49	56	16	31	40	4	4	8
50-54	261	66	10	33	76	36	37	13	24	36	4	4	5
55-59	205	48	7	38	53	30	25	8	22	31	6	2	8
60-64	110	13	1	12	33	18	17	4	11	13	4	10	5
65-69	23	2	1	1	4	2	7	------	2	2	------	6	------
70 AND OVER	12	2	------	2	1	------	1	------	1	1	1	4	1
NO REPORT	6	2	1	1	------	------	1	------	1	------	2	------	------
ECONOMICS	13,386	2,746	782	1,840	2,917	1,160	5,208	186	463	532	358	543	333
24 AND UNDER	110	22	7	12	11	4	23	3	6	7	8	25	5
25-29	1,981	565	202	356	147	51	777	30	43	93	79	188	55
30-34	2,421	686	205	468	322	143	996	45	77	100	54	91	50
35-39	1,995	436	100	311	426	186	839	27	64	81	48	40	36
40-44	1,723	317	79	226	450	192	690	20	74	67	37	24	35
45-49	1,706	253	60	172	568	206	657	20	45	62	42	17	40
50-54	1,401	185	56	112	465	174	541	21	51	53	37	16	32
55-59	960	130	28	94	316	122	360	9	33	37	35	12	30
60-64	586	77	18	50	163	61	224	5	31	19	10	26	31
65-69	303	38	9	26	50	17	123	1	18	9	5	48	11
70 AND OVER	153	23	11	10	11	5	31	2	20	3	3	54	6
NO REPORT	54	12	7	5	10	7	18	3	1	1	------	7	2

TABLE B-17. NUMBER OF SCIENTISTS, BY FIELD, AGE, AND PRIMARY WORK ACTIVITY, 1970--CONTINUED

SCIENTIFIC AND TECHNICAL FIELD AND AGE	TOTAL	PRIMARY WORK ACTIVITY										NOT EMPLOYED	NO REPORT OF WORK ACTIVITY
		RESEARCH AND DEVELOPMENT			MANAGEMENT OR ADMINISTRATION		TEACHING	PRO-DUCTION AND INSPEC-TION	CON-SULTING	EXPLORA-TION, FORE-CASTING, REPORTING	OTHER		
		TOTAL (A)	BASIC RESEARCH	APPLIED RESEARCH	TOTAL (B)	OF R&D							
SOCIOLOGY	7,650	1,424	847	577	1,056	448	3,921	-------	39	43	200	617	321
24 AND UNDER	179	39	24	15	8	3	47	-------	3	6	12	40	26
25-29	1,714	399	250	149	110	49	776	-------	11	27	82	244	104
30-34	1,395	298	189	109	119	62	698	-------	6	12	77	127	58
35-39	1,138	207	129	77	150	67	604	-------	7	10	71	57	32
40-44	976	170	93	77	178	83	513	-------	9	8	14	45	39
45-49	875	134	70	63	183	73	484	-------	4	5	16	30	18
50-54	602	68	36	32	125	47	363	-------	3	2	10	17	14
55-59	457	60	25	35	102	35	275	-------	2	4	9	7	14
60-64	262	28	15	13	55	20	150	-------	4	-------	8	6	16
65-69	123	13	4	9	16	6	72	-------	1	7	4	3	7
70 AND OVER	54	11	7	4	5	3	13	-------	-------	1	1	6	2
NO REPORT	46	9	5	4	5	2	18	-------	-------	2	2	4	6
POLITICAL SCIENCE	6,499	647	441	199	1,069	299	3,787	-------	95	149	195	549	184
24 AND UNDER	76	20	17	3	4	-------	25	-------	-------	6	11	4	8
25-29	1,270	193	137	56	112	43	679	-------	17	43	53	152	15
30-34	1,435	183	130	53	126	36	857	-------	13	36	92	76	52
35-39	975	97	71	26	158	43	617	-------	13	19	71	29	24
40-44	745	43	26	17	149	49	452	-------	6	13	16	71	17
45-49	765	44	28	16	205	48	427	-------	11	12	20	16	29
50-54	538	31	19	12	157	44	290	-------	7	14	10	9	17
55-59	356	25	16	9	82	21	206	-------	12	5	11	4	11
60-64	227	6	4	2	44	13	154	-------	6	6	6	6	3
65-69	112	10	5	5	11	5	68	-------	3	1	-------	15	4
70 AND OVER	54	1	-------	1	2	1	15	-------	2	-------	2	26	6
NO REPORT	35	1	-------	1	4	-------	21	-------	3	-------	-------	6	-------
ANTHROPOLOGY	1,325	282	246	35	149	71	759	-------	9	35	8	67	36
24 AND UNDER	1	-------	-------	-------	-------	-------	1	-------	-------	-------	-------	-------	-------
25-29	34	7	6	1	-------	-------	26	-------	-------	-------	-------	-------	1
30-34	167	45	44	1	5	2	108	-------	-------	3	1	3	2
35-39	211	53	43	10	14	2	133	-------	-------	3	1	3	4
40-44	276	52	44	8	37	22	172	-------	-------	7	-------	5	3
45-49	209	35	29	6	35	18	112	-------	4	9	3	3	8
50-54	155	37	29	8	35	13	65	-------	2	6	1	6	3
55-59	100	13	13	-------	19	10	61	-------	-------	3	1	1	1
60-64	82	24	23	1	4	3	40	-------	2	6	-------	3	3
65-69	47	9	9	-------	4	3	16	-------	1	-------	1	11	5
70 AND OVER	37	7	7	-------	-------	-------	2	-------	-------	-------	-------	26	2
NO REPORT	10	-------	-------	-------	1	1	1	-------	-------	-------	-------	4	4
LINGUISTICS	1,907	282	202	79	215	58	1,013	1	27	58	67	187	62
24 AND UNDER	30	6	5	1	1	-------	5	-------	1	-------	2	13	2
25-29	287	62	48	14	10	9	106	-------	1	9	14	71	5
30-34	366	71	47	23	15	7	208	-------	4	8	12	41	6
35-39	330	52	41	11	35	12	192	-------	2	10	9	24	6
40-44	263	29	20	9	42	4	142	1	6	7	11	17	8
45-49	236	23	12	11	42	7	138	-------	5	10	3	7	9
50-54	131	17	14	3	26	8	66	-------	1	4	2	5	10
55-59	123	7	6	1	22	6	77	-------	2	3	2	3	7
60-64	83	8	4	4	15	4	48	-------	-------	2	1	3	6
65-69	38	4	2	2	6	2	22	-------	-------	2	2	1	1
70 AND OVER	15	1	1	-------	1	1	8	-------	-------	-------	1	2	2
NO REPORT	5	2	2	-------	-------	-------	1	-------	-------	2	-------	-------	-------

(A)INCLUDES DEVELOPMENT OR DESIGN.
(B)INCLUDES MANAGEMENT OR ADMINISTRATION OF OTHER THAN RESEARCH AND DEVELOPMENT.

SOURCE - NATIONAL REGISTER OF SCIENTIFIC AND TECHNICAL PERSONNEL, 1970.

TABLE A-12. NUMBER OF SCIENTISTS, BY FIELD, YEARS OF PROFESSIONAL EXPERIENCE, AND PRIMARY WORK ACTIVITY, 1970

SCIENTIFIC AND TECHNICAL FIELD AND YEARS OF PROFESSIONAL EXPERIENCE	TOTAL	PRIMARY WORK ACTIVITY											NOT EMPLOYED	NO REPORT OF WORK ACTIVITY
		RESEARCH AND DEVELOPMENT			MANAGEMENT OR ADMINISTRATION		TEACHING	PRO-DUCTION AND INSPEC-TION	CON-SULTING	EXPLORA-TION, FORE-CASTING, REPORTING	OTHER			
		TOTAL (A)	BASIC RESEARCH	APPLIED RESEARCH	TOTAL (B)	OF R&D								
ALL FIELDS - - - - - -	312,444	97,570	44,566	40,706	64,708	24,723	72,408	16,086	14,544	14,595	8,117	12,904	8,266
1 OR LESS - - - - - - -	13,796	4,927	3,165	1,305	442	139	2,508	581	231	517	425	857	508
2 TO 4 - - - - - - - - -	44,988	16,129	10,503	4,568	3,161	1,036	12,943	7,138	1,841	1,984	1,450	7,231	913
5 TO 9 - - - - - - - - -	57,757	21,130	9,666	8,644	8,275	4,751	14,151	2,626	2,767	2,552	1,462	1,601	1,111
10 TO 14 - - - - - - - -	44,330	15,582	5,909	6,408	10,573	4,639	11,018	2,068	2,194	2,306	1,068	569	888
15 TO 19 - - - - - - - -	36,262	9,747	3,586	4,925	11,092	5,138	7,526	1,959	1,967	2,333	777	365	767
20 TO 24 - - - - - - - -	30,422	6,796	2,355	3,606	10,768	4,805	5,909	1,025	1,627	1,621	642	319	499
25 TO 29 - - - - - - - -	15,657	3,517	1,160	1,804	5,781	2,766	2,968	981	772	769	318	191	387
30 TO 34 - - - - - - - -	13,066	2,535	785	1,291	5,010	2,306	2,619	915	644	571	282	275	395
35 TO 39 - - - - - - - -	6,995	1,183	418	612	2,364	1,016	1,609	445	456	246	153	314	226
40 OR MORE - - - - - - -	5,724	868	405	398	1,191	515	1,469	252	517	248	96	866	226
NO REPORT - - - - - - -	44,712	13,786	7,216	5,262	10,104	4,114	8,467	2,375	1,764	1,118	1,445	5,276	2,986
CHEMISTRY - - - - - -	96,980	31,199	12,468	11,595	21,420	11,467	10,263	13,438	1,494	817	2,478	3,541	2,107
1 OR LESS - - - - - - -	4,058	2,066	1,218	536	141	99	571	467	27	17	296	304	127
2 TO 4 - - - - - - - - -	11,829	6,355	3,304	1,057	570	217	1,796	1,788	92	113	427	483	219
5 TO 9 - - - - - - - - -	17,228	5,477	2,798	1,942	1,977	827	1,954	2,145	106	108	548	550	233
10 TO 14 - - - - - - - -	9,607	3,944	1,147	1,490	2,378	1,375	1,343	1,591	98	88	262	92	151
15 TO 19 - - - - - - - -	9,293	3,068	816	1,432	3,283	1,859	911	1,457	128	92	225	65	160
20 TO 24 - - - - - - - -	8,606	2,193	576	1,009	3,563	1,884	717	1,481	148	74	232	86	160
25 TO 29 - - - - - - - -	5,806	1,445	542	684	2,485	1,351	466	892	123	69	156	63	113
30 TO 34 - - - - - - - -	4,853	960	273	476	2,168	1,107	411	806	141	56	135	96	96
35 TO 39 - - - - - - - -	2,471	429	91	223	990	484	285	380	111	27	60	126	59
40 OR MORE - - - - - - -	1,821	252	81	108	643	228	229	186	177	29	36	391	78
NO REPORT - - - - - - -	16,465	5,415	2,641	1,769	4,168	2,091	1,540	2,162	290	127	438	1,480	403
EARTH & MARINE SCIENCES - - - -	23,756	3,922	2,176	1,776	4,099	1,229	4,504	1,555	796	6,785	545	864	745
1 OR LESS - - - - - - -	894	190	132	56	55	6	250	62	33	191	50	93	58
2 TO 4 - - - - - - - - -	2,880	710	454	248	118	35	929	177	48	584	62	194	89
5 TO 9 - - - - - - - - -	3,641	851	468	375	295	89	1,097	205	68	895	56	111	103
10 TO 14 - - - - - - - -	3,914	661	298	365	667	204	751	290	115	1,256	57	61	107
15 TO 19 - - - - - - - -	4,058	484	205	272	845	224	643	327	137	1,544	61	48	86
20 TO 24 - - - - - - - -	3,436	371	158	201	529	268	371	237	144	1,211	54	48	92
25 TO 29 - - - - - - - -	1,094	153	79	77	330	106	149	56	47	278	7	16	43
30 TO 34 - - - - - - - -	1,162	142	68	72	317	104	146	72	69	303	10	17	51
35 TO 39 - - - - - - - -	542	55	25	29	145	54	101	28	50	131	4	23	35
40 OR MORE - - - - - - -	556	56	34	21	106	28	92	10	74	141	5	40	50
NO REPORT - - - - - - -	1,541	250	161	85	269	83	241	95	98	559	19	199	111
ATMOSPHERIC & SPACE SCIENCES - - - -	6,617	1,220	532	691	1,795	450	467	110	102	2,199	218	341	229
1 OR LESS - - - - - - -	313	68	44	24	5	1	20	1	4	168	13	26	9
2 TO 4 - - - - - - - - -	847	229	127	101	82	7	66	4	13	339	47	51	36
5 TO 9 - - - - - - - - -	957	272	98	157	213	36	67	26	12	296	42	25	26
10 TO 14 - - - - - - - -	921	167	58	108	258	67	57	17	12	361	51	17	21
15 TO 19 - - - - - - - -	866	156	46	110	286	73	56	22	15	276	17	27	17
20 TO 24 - - - - - - - -	748	93	41	52	265	80	51	19	15	238	23	22	23
25 TO 29 - - - - - - - -	819	96	33	62	372	104	60	4	18	249	11	27	27
30 TO 34 - - - - - - - -	326	58	9	29	128	35	25	5	4	96	5	17	10
35 TO 39 - - - - - - - -	77	7	3	4	31	9	5	3	1	17	1	4	3
40 OR MORE - - - - - - -	72	5	2	3	18	1	6	1	3	17	1	21	-------
NO REPORT - - - - - - -	693	159	73	66	136	40	56	10	4	161	27	117	59
PHYSICS - - - - - - -	36,336	17,566	4,218	6,329	5,400	3,661	8,418	240	412	775	377	2,116	936
1 OR LESS - - - - - - -	1,807	1,066	769	263	44	20	567	17	6	66	26	164	51
2 TO 4 - - - - - - - - -	6,256	3,807	2,551	1,116	199	101	1,466	36	51	175	59	316	125
5 TO 9 - - - - - - - - -	6,275	4,573	2,807	1,556	752	462	2,070	65	71	229	86	260	149
10 TO 14 - - - - - - - -	5,336	2,553	1,086	1,075	1,025	692	1,326	44	53	116	47	79	93
15 TO 19 - - - - - - - -	3,785	1,588	644	751	1,076	776	837	55	40	47	36	47	77
20 TO 24 - - - - - - - -	2,718	946	373	499	920	644	646	15	54	28	15	62	40
25 TO 29 - - - - - - - -	1,460	463	166	252	525	304	333	4	38	13	17	16	37
30 TO 34 - - - - - - - -	1,097	276	95	132	592	268	306	4	34	13	8	33	33
35 TO 39 - - - - - - - -	536	144	61	65	147	101	183	4	29	9	4	36	18
40 OR MORE - - - - - - -	577	115	60	45	105	93	208	-------	33	11	8	83	16
NO REPORT - - - - - - -	4,489	1,975	1,526	693	265	158	498	18	25	67	55	1,040	346
MATHEMATICS - - - -	24,600	4,783	2,082	2,226	4,765	1,816	10,637	146	1,108	763	646	1,041	571
1 OR LESS - - - - - - -	325	135	109	26	4	2	166	-------	2	1	1	12	4
2 TO 4 - - - - - - - - -	4,114	1,032	620	392	242	85	1,917	21	116	165	147	307	87
5 TO 9 - - - - - - - - -	6,462	1,423	636	618	844	320	3,010	36	302	216	190	291	144
10 TO 14 - - - - - - - -	4,276	716	223	437	1,038	444	1,846	53	204	114	131	84	90
15 TO 19 - - - - - - - -	2,675	452	155	256	845	324	971	19	141	86	73	33	55
20 TO 24 - - - - - - - -	2,140	312	96	190	736	278	810	10	112	48	42	25	47
25 TO 29 - - - - - - - -	935	130	65	61	279	105	423	1	45	24	8	14	21
30 TO 34 - - - - - - - -	816	97	51	51	226	73	382	7	42	17	17	18	17
35 TO 39 - - - - - - - -	515	65	17	26	137	43	246	3	21	10	12	23	18
40 OR MORE - - - - - - -	498	40	23	16	66	19	236	-------	22	9	6	73	9
NO REPORT - - - - - - -	1,795	328	127	155	350	123	617	14	96	53	43	161	69

TABLE A-12. NUMBER OF SCIENTISTS, BY FIELD, YEARS OF PROFESSIONAL EXPERIENCE, AND PRIMARY WORK ACTIVITY, 1970--CONTINUED

SCIENTIFIC AND TECHNICAL FIELD AND YEARS OF PROFESSIONAL EXPERIENCE	TOTAL	PRIMARY WORK ACTIVITY										NOT EMPLOYED	NO REPORT OF WORK ACTIVITY
		RESEARCH AND DEVELOPMENT			MANAGEMENT OR ADMINISTRATION		TEACHING	PRO-DUCTION AND INSPEC-TION	CON-SULTING	EXPLORA-TION, FORE-CASTING REPORTING	OTHER		
		TOTAL (A)	BASIC RESEARCH	APPLIED RESEARCH	TOTAL (B)	OF R&D							
COMPUTER SCIENCES	11,324	4,066	265	2,035	3,233	1,585	431	133	1,034	1,397	532	326	202
1 OR LESS	21	11	5	5	------	------	6	------	1	------	1	1	1
2 TO 4	1,747	814	58	402	148	64	95	32	129	312	111	78	24
5 TO 9	3,729	1,471	96	666	868	385	130	47	393	491	159	130	60
10 TO 14	2,622	851	40	427	957	453	87	26	245	270	103	59	49
15 TO 19	1,307	367	19	215	576	317	43	12	96	118	47	22	21
20 TO 24	711	198	13	115	311	168	34	3	67	54	29	7	13
25 TO 29	213	62	3	41	95	49	5	2	12	13	4	6	9
30 TO 34	103	21	2	15	50	27	5	2	9	8	2	3	3
35 TO 39	32	8	1	5	18	11	------	------	2	2	1	1	------
40 OR MORE	13	1	------	1	1	1	4	------	3	1	------	2	1
NO REPORT	831	262	10	145	229	110	27	9	82	176	40	57	17
AGRICULTURAL SCIENCES	15,730	3,444	800	2,638	8,857	1,763	1,306	55	96	269	997	311	426
1 OR LESS	179	85	22	63	35	5	28	------	2	3	10	13	3
2 TO 4	1,763	496	152	363	705	115	147	13	16	27	170	46	35
5 TO 9	2,590	605	159	446	1,471	200	191	16	24	47	163	25	48
10 TO 14	2,336	485	110	375	1,417	222	170	8	13	40	147	13	53
15 TO 19	1,753	380	69	308	1,065	230	155	3	6	23	81	5	35
20 TO 24	1,726	340	63	276	1,067	282	142	1	8	17	101	5	45
25 TO 29	619	110	17	93	384	102	61	------	3	13	27	6	15
30 TO 34	614	102	23	79	387	117	57	3	1	7	37	2	18
35 TO 39	361	55	8	47	224	58	26	------	------	9	20	14	8
40 OR MORE	171	35	6	29	82	28	28	------	1	5	4	12	6
NO REPORT	3,638	751	171	579	1,930	391	301	11	22	58	237	170	158
BIOLOGICAL SCIENCES	47,493	19,605	12,546	6,055	8,195	3,896	14,236	80	2,166	314	1,144	1,425	1,368
1 OR LESS	1,139	744	583	161	56	23	227	1	44	7	22	49	9
2 TO 4	6,116	3,113	2,349	763	373	149	1,829	15	237	38	181	244	88
5 TO 9	8,321	3,706	2,603	1,102	700	340	2,855	13	369	54	184	188	162
10 TO 14	6,773	2,717	1,773	943	1,086	519	2,266	11	257	42	158	60	176
15 TO 19	5,550	2,033	1,299	734	1,258	644	1,679	11	235	28	115	43	148
20 TO 24	4,363	1,669	866	583	1,152	587	1,196	8	261	27	91	27	144
25 TO 29	2,232	651	375	276	679	340	615	6	145	24	56	13	65
30 TO 34	1,897	465	273	192	633	312	546	4	116	16	59	12	66
35 TO 39	1,120	289	178	111	335	157	318	7	75	12	32	16	41
40 OR MORE	865	231	146	84	197	103	268	1	52	15	20	35	45
NO REPORT	9,135	3,207	2,099	1,106	1,656	723	2,418	20	375	51	266	798	404
PSYCHOLOGY	26,271	6,102	1,679	4,150	4,528	1,578	6,856	13	6,466	95	326	1,059	494
1 OR LESS	532	176	75	96	21	11	187	------	117	1	9	12	9
2 TO 4	3,340	1,003	358	605	231	99	1,062	2	823	12	41	116	50
5 TO 9	5,102	1,428	447	926	756	259	1,662	1	1,257	23	59	105	63
10 TO 14	4,266	1,061	232	783	865	277	1,108	------	1,059	13	51	47	60
15 TO 19	3,861	729	160	531	1,060	322	862	2	1,039	13	47	31	78
20 TO 24	2,786	472	88	362	808	245	844	------	757	5	38	31	49
25 TO 29	1,066	180	95	127	257	67	269	1	286	5	16	15	21
30 TO 34	883	142	27	106	263	85	224	2	177	5	19	26	25
35 TO 39	693	66	11	50	122	33	127	1	132	1	5	24	15
40 OR MORE	484	78	10	65	75	12	103	------	109	2	4	104	11
NO REPORT	3,500	767	236	503	544	173	758	4	712	15	39	548	113
STATISTICS	2,953	767	182	546	570	286	578	115	329	317	69	127	80
1 OR LESS	50	17	5	12	4	3	18	------	8	1	------	1	1
2 TO 4	509	146	44	96	17	11	130	17	66	56	17	41	19
5 TO 9	622	181	57	120	68	30	144	23	73	72	16	31	14
10 TO 14	491	141	27	101	101	52	92	26	52	47	11	11	10
15 TO 19	369	84	12	66	119	57	56	11	30	33	3	1	5
20 TO 24	317	65	8	52	118	54	46	9	26	36	7	3	7
25 TO 29	153	39	6	32	36	15	26	10	19	17	2	------	5
30 TO 34	167	33	8	25	50	37	14	7	16	21	5	8	5
35 TO 39	57	12	2	9	12	6	11	2	8	3	1	6	2
40 OR MORE	38	1	------	1	6	4	10	2	3	5	2	6	3
NO REPORT	200	48	13	32	31	17	36	8	20	26	5	19	9
ECONOMICS	13,586	2,746	782	1,860	2,937	1,168	5,288	186	463	532	358	563	333
1 OR LESS	446	139	52	86	15	7	191	3	8	14	23	42	11
2 TO 4	2,102	652	202	415	163	62	948	31	48	102	66	81	31
5 TO 9	2,603	666	176	464	396	177	1,152	53	70	103	56	57	52
10 TO 14	1,807	366	85	262	443	196	747	21	68	78	36	18	30
15 TO 19	1,336	219	58	151	430	183	494	18	50	49	37	6	33
20 TO 24	1,605	221	50	150	554	202	610	22	50	61	41	13	33
25 TO 29	696	90	26	57	246	96	246	7	32	29	16	9	19
30 TO 34	638	76	14	53	232	103	232	2	27	23	22	13	13
35 TO 39	376	48	12	35	105	33	132	7	23	16	11	22	14
40 OR MORE	356	36	13	20	67	25	129	2	31	11	6	57	17
NO REPORT	1,621	255	94	167	208	84	407	20	56	46	44	225	80

TABLE A-12. NUMBER OF SCIENTISTS, BY FIELD, YEARS OF PROFESSIONAL EXPERIENCE, AND PRIMARY WORK ACTIVITY, 1970--CONTINUED

SCIENTIFIC AND TECHNICAL FIELD AND YEARS OF PROFESSIONAL EXPERIENCE	TOTAL	PRIMARY WORK ACTIVITY										NOT EMPLOYED	NO REPORT OF WORK ACTIVITY
		RESEARCH AND DEVELOPMENT			MANAGEMENT OR ADMINISTRATION		TEACHING	PRO-DUCTION AND INSPEC-TION	CON-SULTING	EXPLORA-TION, FORE-CASTING REPORTING	OTHER		
		TOTAL (A)	BASIC RESEARCH	APPLIED RESEARCH	TOTAL (B)	OF R&D							
SOCIOLOGY	7,658	1,426	847	577	1,056	468	3,921	------	39	83	200	612	321
1 OR LESS	497	111	75	36	28	17	234	------	4	7	21	71	21
2 TO 4	1,676	405	247	158	102	65	889	------	13	25	64	115	62
5 TO 9	1,434	289	176	113	176	76	826	------	5	13	42	60	25
10 TO 14	905	164	99	64	161	79	507	------	1	11	19	19	23
15 TO 19	627	112	57	55	160	69	315	------	7	1	10	6	16
20 TO 24	562	73	31	41	137	51	327	------	1	2	4	5	13
25 TO 29	251	34	15	19	57	17	147	------	------	3	4	1	5
30 TO 34	203	28	14	14	53	17	101	------	2	------	7	5	7
35 TO 39	126	8	4	4	33	12	72	------	1	3	------	3	6
40 OR MORE	95	15	11	4	13	6	55	------	1	1	2	6	2
NO REPORT	1,284	187	118	69	140	59	448	------	4	17	27	320	141
POLITICAL SCIENCE	6,498	687	441	199	1,069	294	3,787	------	93	149	186	343	184
1 OR LESS	462	80	65	21	33	7	223	------	3	21	24	53	22
2 TO 4	1,449	215	148	50	107	42	857	------	13	55	58	112	32
5 TO 9	1,215	120	78	32	147	57	808	------	14	24	30	40	28
10 TO 14	659	65	41	17	140	33	381	------	13	12	21	15	17
15 TO 19	545	35	21	11	142	40	309	------	9	14	13	6	17
20 TO 24	480	30	16	10	157	45	251	------	7	9	8	5	13
25 TO 29	211	11	6	5	69	21	105	------	7	4	5	6	4
30 TO 34	226	14	7	6	72	23	115	------	6	5	5	2	5
35 TO 39	118	7	2	3	26	7	65	------	4	4	2	7	3
40 OR MORE	108	5	3	2	10	7	61	------	6	1	1	19	5
NO REPORT	1,038	94	56	33	169	41	612	------	11	11	19	78	43
ANTHROPOLOGY	1,325	282	246	35	149	71	739	------	9	35	8	67	36
1 OR LESS	16	3	3	------	------	------	10	------	------	------	1	------	2
2 TO 4	139	34	32	2	4	1	97	------	------	2	------	2	------
5 TO 9	227	46	39	7	15	5	156	------	------	5	1	4	------
10 TO 14	202	52	42	10	20	9	115	------	------	9	------	2	4
15 TO 19	126	21	17	4	26	16	68	------	2	4	------	1	7
20 TO 24	113	18	15	3	20	9	61	------	1	5	3	2	3
25 TO 29	43	10	10	------	7	4	21	------	------	4	------	------	1
30 TO 34	43	6	6	------	11	6	18	------	------	2	------	5	1
35 TO 39	40	10	10	------	4	2	18	------	1	1	------	4	2
40 OR MORE	48	14	13	1	1	1	15	------	2	------	------	13	3
NO REPORT	330	68	59	8	41	18	160	------	3	3	3	36	18
LINGUISTICS	1,902	282	202	79	219	58	1,013	1	27	58	67	187	62
1 OR LESS	57	10	8	2	9	1	30	------	------	------	6	8	------
2 TO 4	278	68	57	11	10	3	141	------	3	5	13	34	4
5 TO 9	351	62	41	21	29	8	209	------	5	13	12	23	6
10 TO 14	289	39	28	11	39	13	172	1	4	9	9	7	9
15 TO 19	163	18	9	9	33	5	89	------	3	5	5	3	7
20 TO 24	135	14	11	3	31	6	75	------	3	4	------	------	8
25 TO 29	70	7	4	3	11	5	42	------	3	4	1	------	2
30 TO 34	62	4	3	1	12	7	37	------	------	1	1	------	7
35 TO 39	41	6	3	3	12	6	20	------	------	1	------	------	2
40 OR MORE	42	4	3	1	5	4	28	------	------	------	1	4	------
NO REPORT	416	50	35	14	36	5	170	------	5	16	14	108	17

(A)INCLUDES DEVELOPMENT OR DESIGN.
(B)INCLUDES MANAGEMENT OR ADMINISTRATION OF OTHER THAN RESEARCH AND DEVELOPMENT.

SOURCE - NATIONAL REGISTER OF SCIENTIFIC AND TECHNICAL PERSONNEL, 1970.

TABLE A-13. NUMBER OF SCIENTISTS, BY FIELD, HIGHEST DEGREE, AND MAJOR SUBJECT OF HIGHEST DEGREE, 1970

SCIENTIFIC AND TECHNICAL FIELD	TOTAL	MAJOR SUBJECT											
		CHEMISTRY	BIOCHEMISTRY	PHYSICAL CHEMISTRY	FOOD SCIENCE	EARTH SCIENCE	OCEANOGRAPHY	ATMOSPHERIC AND SPACE SCIENCES	PHYSICS	ASTRONOMY	MATHEMATICS	COMPUTER SCIENCES	STATISTICS
	TOTAL												
ALL FIELDS - - - - - -	312,444	55,599	6,055	5,046	732	20,270	579	3,329	30,542	1,036	26,226	791	2,516
CHEMISTRY - - - - - - - - -	86,980	53,641	3,167	4,597	567	113	29	11	366	2	262	6	16
EARTH & MARINE SCIENCES - -	23,756	121	3	5	------	19,567	800	67	338	6	263	1	4
ATMOSPHERIC & SPACE SCIENCES	6,617	180	2	6	------	273	86	3,095	617	14	653	4	9
PHYSICS - - - - - - - - - -	36,336	562	8	361	------	111	19	113	28,314	988	704	8	4
MATHEMATICS - - - - - - - -	26,400	99	2	10	------	25	------	22	426	11	19,010	85	617
COMPUTER SCIENCES - - - - -	11,376	179	2	10	1	56	------	28	557	11	5,606	643	300
AGRICULTURAL SCIENCES - - -	15,730	22	5	1	12	13	7	1	9	------	3	------	4
BIOLOGICAL SCIENCES - - - -	47,693	797	2,865	76	151	103	140	5	89	1	36	1	13
PSYCHOLOGY - - - - - - - - -	26,271	4	------	------	------	2	------	------	7	------	15	------	25
STATISTICS - - - - - - - - -	2,953	20	------	2	------	3	------	1	24	1	618	2	1,423
ECONOMICS - - - - - - - -	13,988	7	------	------	------	17	------	2	6	------	60	------	77
SOCIOLOGY - - - - - - - - -	7,658	5	1	------	1	1	------	------	3	------	22	------	8
POLITICAL SCIENCE - - - - -	6,493	1	------	------	------	2	------	------	1	------	7	------	------
ANTHROPOLOGY - - - - - - - -	1,329	1	------	------	------	3	------	------	------	------	------	------	------
LINGUISTICS - - - - - - - -	1,902	4	------	------	------	1	------	------	2	------	16	1	1
	DOCTORATE DEGREES												
ALL FIELDS - - - - - -	125,736	19,854	4,934	4,073	396	5,000	273	910	13,931	676	6,406	143	965
CHEMISTRY - - - - - - - - -	29,985	18,985	2,193	3,626	277	32	15	1	123	------	5	------	8
EARTH & MARINE SCIENCES - -	5,555	66	1	5	------	4,921	166	15	76	2	7	------	1
ATMOSPHERIC & SPACE SCIENCES	849	10	------	3	------	57	26	633	56	6	11	------	1
PHYSICS - - - - - - - - - -	16,631	267	1	295	------	56	5	57	13,066	661	95	------	1
MATHEMATICS - - - - - - - -	8,033	19	1	10	------	7	------	2	96	5	6,511	12	182
COMPUTER SCIENCES - - - - -	1,010	11	1	10	------	------	------	1	69	1	513	130	22
AGRICULTURAL SCIENCES - - -	7,964	8	3	------	8	2	2	------	2	------	------	------	1
BIOLOGICAL SCIENCES - - - -	26,336	520	2,736	76	109	56	81	1	56	1	7	------	10
PSYCHOLOGY - - - - - - - - -	17,565	7	------	------	------	1	------	------	2	------	5	------	21
STATISTICS - - - - - - - - -	1,157	5	------	2	------	------	------	------	5	------	161	------	703
ECONOMICS - - - - - - - -	7,225	1	------	------	------	3	------	------	2	------	8	------	20
SOCIOLOGY - - - - - - - - -	3,690	------	------	------	------	------	------	------	------	------	1	------	------
POLITICAL SCIENCE - - - - -	3,940	------	------	------	------	------	------	------	------	------	------	------	------
ANTHROPOLOGY - - - - - - - -	1,260	1	------	------	------	2	------	------	------	------	------	------	------
LINGUISTICS - - - - - - - -	1,136	1	------	------	------	------	------	------	------	------	2	1	------
	MASTER'S DEGREES												
ALL FIELDS - - - - - -	93,540	9,917	847	867	182	7,508	273	1,420	9,866	262	11,600	600	1,301
CHEMISTRY - - - - - - - - -	19,170	9,666	746	673	149	38	14	6	102	------	80	5	33
EARTH & MARINE SCIENCES - -	8,076	16	2	------	------	6,050	136	23	77	3	61	1	9
ATMOSPHERIC & SPACE SCIENCES	1,882	9	1	------	------	88	50	1,309	76	6	66	6	6
PHYSICS - - - - - - - - - -	12,215	113	3	41	------	33	12	48	9,206	247	267	5	8
MATHEMATICS - - - - - - - -	11,975	18	------	------	------	10	------	13	163	6	8,726	69	378
COMPUTER SCIENCES - - - - -	4,858	15	------	------	1	11	------	15	135	6	2,120	521	202
AGRICULTURAL SCIENCES - - -	4,176	6	1	1	6	6	5	1	------	------	1	------	3
BIOLOGICAL SCIENCES - - - -	10,923	73	93	2	57	38	56	2	12	------	8	------	2
PSYCHOLOGY - - - - - - - - -	8,633	------	------	------	------	1	------	------	3	------	8	------	3
STATISTICS - - - - - - - - -	1,256	2	------	------	------	1	------	1	8	------	200	2	621
ECONOMICS - - - - - - - -	5,008	3	------	------	------	12	------	2	1	------	20	------	37
SOCIOLOGY - - - - - - - - -	3,181	1	1	------	1	------	------	------	1	------	3	------	3
POLITICAL SCIENCE - - - - -	2,667	------	------	------	------	1	------	------	1	------	1	------	------
ANTHROPOLOGY - - - - - - - -	36	------	------	------	------	1	------	------	------	------	------	------	------
LINGUISTICS - - - - - - - -	585	1	------	------	------	------	------	------	1	------	5	1	1
	BACHELOR'S DEGREES												
ALL FIELDS - - - - - -	83,740	25,332	265	96	144	8,005	33	1,338	7,066	95	7,617	58	243
CHEMISTRY - - - - - - - - -	36,514	24,528	227	90	139	41	------	6	113	2	152	1	------
EARTH & MARINE SCIENCES - -	9,910	81	------	------	------	7,606	18	8	179	1	190	------	------
ATMOSPHERIC & SPACE SCIENCES	5,088	147	1	1	------	125	10	1,297	275	6	566	------	2
PHYSICS - - - - - - - - - -	7,992	202	4	5	------	22	2	8	5,091	77	960	1	------
MATHEMATICS - - - - - - - -	4,569	67	1	------	------	8	------	7	166	2	2,964	4	56
COMPUTER SCIENCES - - - - -	5,436	103	1	------	------	45	------	12	370	6	3,160	50	76
AGRICULTURAL SCIENCES - - -	8,520	9	1	------	------	7	------	------	3	------	2	------	------
BIOLOGICAL SCIENCES - - - -	5,719	195	30	------	5	26	3	2	22	------	21	1	------
PSYCHOLOGY - - - - - - - - -	215	2	------	------	------	------	------	------	2	------	2	------	1
STATISTICS - - - - - - - - -	532	13	------	------	------	2	------	------	15	1	196	------	95
ECONOMICS - - - - - - - -	1,082	3	------	------	------	2	------	------	5	------	33	------	15
SOCIOLOGY - - - - - - - - -	750	4	------	------	------	1	------	------	2	------	18	------	------
POLITICAL SCIENCE - - - - -	68	1	------	------	------	1	------	------	------	------	6	------	------
ANTHROPOLOGY - - - - - - - -	17	------	------	------	------	------	------	------	------	------	------	------	------
LINGUISTICS - - - - - - - -	161	2	------	------	------	1	------	------	1	------	8	1	------

SOURCE - NATIONAL REGISTER OF SCIENTIFIC AND TECHNICAL PERSONNEL, 1970.

TABLE A-19. NUMBER OF SCIENTISTS, BY FIELD, HIGHEST DEGREE, AND MAJOR SUBJECT OF HIGHEST DEGREE, 1970--CONTINUED

SCIENTIFIC AND TECHNICAL FIELD	MAJOR SUBJECT												NO REPORT OF MAJOR SUBJECT
	AGRI- CULTURAL SCIENCES	BIOLOGY	BIO- PHYSICS	PSY- CHOLOGY	SOCIAL PSY- CHOLOGY	ECO- NOMICS	SOCI- OLOGY	POLITI- CAL SCIENCE	ANTHRO- POLOGY	LIN- GUISTICS	ENGI- NEERING	OTHER	
	TOTAL												
ALL FIELDS	16,779	40,594	603	24,209	775	15,561	6,795	7,006	1,343	1,914	25,710	12,601	6,040
CHEMISTRY	393	2,087	76	54	------	1,022	10	258	2	37	16,620	2,160	1,506
EARTH & MARINE SCIENCES	182	132	------	12	------	94	10	57	14	16	1,857	510	257
ATMOSPHERIC & SPACE SCIENCES	91	59	1	24	------	113	2	36	1	26	368	349	832
PHYSICS	10	97	228	30	------	60	3	14	1	12	3,149	1,272	285
MATHEMATICS	11	65	5	105	1	917	24	70	------	36	1,621	1,551	687
COMPUTER SCIENCES	12	56	2	124	------	713	71	83	8	70	1,775	793	286
AGRICULTURAL SCIENCES	13,166	1,644	1	3	------	167	3	36	2	7	53	448	127
BIOLOGICAL SCIENCES	2,794	35,115	291	245	1	121	25	30	18	40	160	2,140	1,238
PSYCHOLOGY	3	65	1	23,387	667	46	112	20	5	38	4	1,701	169
STATISTICS	31	244	------	58	1	217	28	16	------	9	68	105	82
ECONOMICS	81	6	------	5	1	11,997	20	275	------	20	29	521	314
SOCIOLOGY	5	12	------	135	99	72	6,513	75	33	26	2	553	97
POLITICAL SCIENCE	------	------	------	7	1	26	4	6,073	3	4	1	279	94
ANTHROPOLOGY	------	12	------	5	1	------	15	4	1,215	10	2	31	26
LINGUISTICS	------	------	------	23	3	1	5	8	41	1,568	1	188	40
	DOCTORATE DEGREES												
ALL FIELDS	3,552	19,968	480	15,969	657	7,055	3,361	4,065	1,214	1,015	5,553	3,625	1,433
CHEMISTRY	217	607	44	5	------	14	------	122	------	4	2,864	489	311
EARTH & MARINE SCIENCES	112	35	------	1	------	5	1	14	1	------	169	87	37
ATMOSPHERIC & SPACE SCIENCES	19	5	------	------	------	1	------	1	------	------	45	14	9
PHYSICS	6	21	154	1	------	3	------	6	------	3	1,561	284	105
MATHEMATICS	3	24	2	27	------	162	7	14	------	3	495	445	206
COMPUTER SCIENCES	2	8	2	5	------	20	------	5	------	2	337	62	30
AGRICULTURAL SCIENCES	2,222	580	------	------	------	28	------	3	------	------	2	71	11
BIOLOGICAL SCIENCES	916	18,046	277	198	1	17	8	4	9	1	61	428	299
PSYCHOLOGY	2	32	1	15,715	583	24	65	9	3	16	1	1,006	105
STATISTICS	22	121	------	21	------	37	10	5	------	------	11	40	34
ECONOMICS	52	2	------	1	1	6,709	5	81	------	------	7	217	138
SOCIOLOGY	1	2	------	36	78	22	3,244	29	9	2	------	212	51
POLITICAL SCIENCE	------	------	------	1	1	12	3	3,768	3	1	------	140	61
ANTHROPOLOGY	------	9	------	5	1	------	12	3	1,179	10	------	28	14
LINGUISTICS	------	------	------	14	2	------	1	1	10	973	------	107	22
	MASTER'S DEGREES												
ALL FIELDS	4,230	8,791	110	7,837	100	6,577	2,839	2,708	76	572	7,062	6,651	1,740
CHEMISTRY	77	494	26	28	------	961	4	113	2	10	4,136	1,195	492
EARTH & MARINE SCIENCES	46	33	------	6	------	48	2	29	5	3	369	271	44
ATMOSPHERIC & SPACE SCIENCES	26	5	------	8	------	31	1	71	1	2	69	107	21
PHYSICS	2	47	69	21	------	54	1	8	------	3	957	849	143
MATHEMATICS	4	23	3	55	------	505	5	35	------	10	667	916	372
COMPUTER SCIENCES	5	17	------	37	------	335	3	33	------	11	776	455	155
AGRICULTURAL SCIENCES	3,198	576	------	1	------	91	2	32	1	------	10	197	46
BIOLOGICAL SCIENCES	837	7,468	12	75	------	58		14	4	13	45	1,296	157
PSYCHOLOGY	1	10	------	7,528	82	19	8	9	2	12	3	658	56
STATISTICS	6	111	------	17	1	83	14	4	------	3	21	45	35
ECONOMICS	29	1	------	4	------	4,365	13	115	------	4	8	251	143
SOCIOLOGY	4	7	------	55	16	34	2,743	22	17	8	1	232	32
POLITICAL SCIENCE	------	------	------	------	------	13	1	2,270	------	7	------	125	33
ANTHROPOLOGY	------	1	------	------	------	------	2	------	27	------	------	3	2
LINGUISTICS	------	------	------	2	1	------	2	3	17	491	------	51	9
	BACHELOR'S DEGREES												
ALL FIELDS	8,922	5,229	12	387	7	1,858	582	217	52	319	12,854	2,169	802
CHEMISTRY	97	784	6	19	------	84	6	22	------	23	9,469	447	282
EARTH & MARINE SCIENCES	22	61	------	5	------	37	7	13	8	17	1,290	145	49
ATMOSPHERIC & SPACE SCIENCES	41	46	1	15	------	68	1	13	------	23	213	180	80
PHYSICS	2	28	5	8	------	3	2	------	1	6	622	135	28
MATHEMATICS	6	14	------	23	1	248	12	21	------	23	456	188	104
COMPUTER SCIENCES	5	30	------	82	------	357	18	45	8	57	658	274	99
AGRICULTURAL SCIENCES	7,690	482	1	2	------	46	1	1	1	7	41	174	46
BIOLOGICAL SCIENCES	1,031	3,757	1	28	------	45	8	11	5	26	50	382	70
PSYCHOLOGY	------	9	------	139	1	3	9	2	------	10	------	36	3
STATISTICS	3	11	------	20	------	91	4	7	------	6	38	19	13
ECONOMICS	19	3	------	------	------	678	2	28	------	16	14	51	13
SOCIOLOGY	------	3	------	45	5	16	510	22	6	16	1	98	11
POLITICAL SCIENCE	------	------	------	1	------	1	------	29	------	------	1	13	------
ANTHROPOLOGY	------	1	------	------	------	------	1	1	9	------	2	------	3
LINGUISTICS	------	------	------	4	------	1	1	2	14	94	1	27	3

TABLE [illegible]. MEDIAN ANNUAL SALARIES OF SCIENTISTS, BY FIELD, HIGHEST DEGREE, AND TYPE OF EMPLOYER, [illegible]

SCIENTIFIC AND TECHNICAL FIELD AND HIGHEST DEGREE	TOTAL	TYPE OF EMPLOYER								NO REPORT OF TYPE OF EMPLOYER
		EDUCATIONAL INSTITUTIONS		FEDERAL GOVERN-MENT	OTHER GOVERN-MENT	NONPROFIT ORGANIZA-TIONS	INDUSTRY AND BUSINESS	SELF-EMPLOYED	OTHER	
		ACADEMIC YEAR	CALENDAR YEAR							
ALL FIELDS	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
DOCTORATE	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
PROFESSIONAL MEDICAL	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
MASTER'S	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
BACHELOR'S	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
LESS THAN BACHELOR'S	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
NO REPORT	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
CHEMISTRY	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
DOCTORATE	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
PROFESSIONAL MEDICAL	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
MASTER'S	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
BACHELOR'S	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
LESS THAN BACHELOR'S	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
NO REPORT	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
EARTH & MARINE SCIENCES	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
DOCTORATE	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
PROFESSIONAL MEDICAL	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
MASTER'S	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
BACHELOR'S	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
LESS THAN BACHELOR'S	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
NO REPORT	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
ATMOSPHERIC & SPACE SCIENCES	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
DOCTORATE	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
PROFESSIONAL MEDICAL	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
MASTER'S	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
BACHELOR'S	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
LESS THAN BACHELOR'S	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
NO REPORT	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
PHYSICS	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
DOCTORATE	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
PROFESSIONAL MEDICAL	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
MASTER'S	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
BACHELOR'S	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
LESS THAN BACHELOR'S	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
NO REPORT	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
MATHEMATICS	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
DOCTORATE	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
PROFESSIONAL MEDICAL	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
MASTER'S	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
BACHELOR'S	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
LESS THAN BACHELOR'S	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
NO REPORT	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
COMPUTER SCIENCES	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
DOCTORATE	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
PROFESSIONAL MEDICAL	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
MASTER'S	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
BACHELOR'S	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
LESS THAN BACHELOR'S	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
NO REPORT	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
AGRICULTURAL SCIENCES	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
DOCTORATE	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
PROFESSIONAL MEDICAL	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
MASTER'S	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
BACHELOR'S	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
LESS THAN BACHELOR'S	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
NO REPORT	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]

TABLE B-14. MEDIAN ANNUAL SALARIES OF SCIENTISTS, BY FIELD, HIGHEST DEGREE, AND TYPE OF EMPLOYER, 1970--CONTINUED

SCIENTIFIC AND TECHNICAL FIELD AND HIGHEST DEGREE	TOTAL	TYPE OF EMPLOYER: EDUCATIONAL INSTITUTIONS: ACADEMIC YEAR	EDUCATIONAL INSTITUTIONS: CALENDAR YEAR	FEDERAL GOVERN-MENT	OTHER GOVERN-MENT	NONPROFIT ORGANIZA-TIONS	INDUSTRY AND BUSINESS	SELF-EMPLOYED	OTHER	NO REPORT OF TYPE OF EMPLOYER
BIOLOGICAL SCIENCES - - - - - - - - - - -	15,000	12,200	17,300	16,900	13,700	17,100	17,200	25,000	14,000	16,000
DOCTORATE - - - - - - - - - - - - - - - - -	16,000	13,000	16,900	17,400	16,000	16,900	19,000	27,500	15,500	16,400
PROFESSIONAL MEDICAL - - - - - - - - - - -	26,400	16,000	26,000	25,300	26,900	26,000	25,900	30,000	20,400	20,000
MASTER'S - - - - - - - - - - - - - - - - -	11,900	10,800	10,500	13,900	11,700	11,000	13,700	14,700	9,900	12,000
BACHELOR'S - - - - - - - - - - - - - - - -	10,800	8,900	8,700	13,400	11,300	10,100	12,900	13,000	11,000	------
LESS THAN BACHELOR'S - - - - - - - - - - -	------	------	------	------	------	------	------	------	------	------
NO REPORT - - - - - - - - - - - - - - - - -	16,500	------	19,000	------	------	------	------	------	------	------
PSYCHOLOGY - - - - - - - - - - - - - - - -	15,000	13,000	16,300	16,000	14,400	16,000	19,600	25,000	16,200	17,000
DOCTORATE - - - - - - - - - - - - - - - - -	16,000	13,900	16,600	18,600	15,400	17,900	21,500	25,000	17,600	18,000
PROFESSIONAL MEDICAL - - - - - - - - - - -	------	------	------	------	------	------	------	------	------	------
MASTER'S - - - - - - - - - - - - - - - - -	13,100	10,700	13,000	16,000	12,900	12,900	16,900	25,000	12,200	15,000
BACHELOR'S - - - - - - - - - - - - - - - -	14,600	------	------	------	14,500	------	------	------	------	------
LESS THAN BACHELOR'S - - - - - - - - - - -	------	------	------	------	------	------	------	------	------	------
NO REPORT - - - - - - - - - - - - - - - - -	------	------	------	------	------	------	------	------	------	------
STATISTICS - - - - - - - - - - - - - - - -	16,900	13,500	16,900	19,000	15,100	16,900	17,400	------	------	------
DOCTORATE - - - - - - - - - - - - - - - - -	17,400	14,000	16,500	21,700	------	21,000	21,000	------	------	------
PROFESSIONAL MEDICAL - - - - - - - - - - -	------	------	------	------	------	------	------	------	------	------
MASTER'S - - - - - - - - - - - - - - - - -	16,700	10,900	13,000	16,000	15,000	15,400	16,500	------	------	------
BACHELOR'S - - - - - - - - - - - - - - - -	17,000	------	------	18,600	16,400	------	19,300	------	------	------
LESS THAN BACHELOR'S - - - - - - - - - - -	------	------	------	------	------	------	------	------	------	------
NO REPORT - - - - - - - - - - - - - - - - -	------	------	------	------	------	------	------	------	------	------
ECONOMICS - - - - - - - - - - - - - - - - -	16,900	13,800	18,000	20,000	17,400	20,500	20,500	20,000	17,000	------
DOCTORATE - - - - - - - - - - - - - - - - -	17,600	15,000	18,600	22,700	21,500	22,400	25,000	27,000	------	------
PROFESSIONAL MEDICAL - - - - - - - - - - -	------	------	------	------	------	------	------	------	------	------
MASTER'S - - - - - - - - - - - - - - - - -	14,200	11,000	13,700	18,400	15,400	17,000	18,100	18,900	------	------
BACHELOR'S - - - - - - - - - - - - - - - -	16,300	11,000	13,200	18,500	15,100	16,000	16,000	------	------	------
LESS THAN BACHELOR'S - - - - - - - - - - -	------	------	------	------	------	------	------	------	------	------
NO REPORT - - - - - - - - - - - - - - - - -	16,500	------	------	------	------	------	------	------	------	------
SOCIOLOGY - - - - - - - - - - - - - - - - -	13,000	12,200	15,000	18,400	12,100	14,700	16,200	------	15,000	------
DOCTORATE - - - - - - - - - - - - - - - - -	15,000	14,000	17,900	22,000	17,000	16,500	20,000	------	------	------
PROFESSIONAL MEDICAL - - - - - - - - - - -	------	------	------	------	------	------	------	------	------	------
MASTER'S - - - - - - - - - - - - - - - - -	10,100	9,700	10,700	15,500	12,900	17,100	15,000	------	------	------
BACHELOR'S - - - - - - - - - - - - - - - -	10,000	9,700	10,500	15,000	10,000	8,600	------	------	------	------
LESS THAN BACHELOR'S - - - - - - - - - - -	------	------	------	------	------	------	------	------	------	------
NO REPORT - - - - - - - - - - - - - - - - -	------	------	------	------	------	------	------	------	------	------
POLITICAL SCIENCE - - - - - - - - - - - -	13,100	12,000	15,900	18,400	15,400	18,000	17,700	------	13,000	------
DOCTORATE - - - - - - - - - - - - - - - - -	14,500	13,000	17,100	23,000	20,400	22,000	21,000	------	------	------
PROFESSIONAL MEDICAL - - - - - - - - - - -	------	------	------	------	------	------	------	------	------	------
MASTER'S - - - - - - - - - - - - - - - - -	10,900	9,800	10,700	15,800	13,000	14,700	15,200	------	------	------
BACHELOR'S - - - - - - - - - - - - - - - -	10,700	------	------	------	------	------	------	------	------	------
LESS THAN BACHELOR'S - - - - - - - - - - -	------	------	------	------	------	------	------	------	------	------
NO REPORT - - - - - - - - - - - - - - - - -	------	------	------	------	------	------	------	------	------	------
ANTHROPOLOGY - - - - - - - - - - - - - - -	14,700	14,000	15,500	18,000	------	17,000	------	------	15,000	------
DOCTORATE - - - - - - - - - - - - - - - - -	14,800	14,000	15,500	------	------	17,000	------	------	17,000	------
PROFESSIONAL MEDICAL - - - - - - - - - - -	------	------	------	------	------	------	------	------	------	------
MASTER'S - - - - - - - - - - - - - - - - -	------	------	------	------	------	------	------	------	------	------
BACHELOR'S - - - - - - - - - - - - - - - -	------	------	------	------	------	------	------	------	------	------
LESS THAN BACHELOR'S - - - - - - - - - - -	------	------	------	------	------	------	------	------	------	------
NO REPORT - - - - - - - - - - - - - - - - -	------	------	------	------	------	------	------	------	------	------
LINGUISTICS - - - - - - - - - - - - - - -	12,500	12,500	13,000	15,600	------	10,000	16,000	------	------	------
DOCTORATE - - - - - - - - - - - - - - - - -	13,500	13,000	14,200	------	------	13,000	------	------	------	------
PROFESSIONAL MEDICAL - - - - - - - - - - -	------	------	------	------	------	------	------	------	------	------
MASTER'S - - - - - - - - - - - - - - - - -	10,300	10,800	11,000	------	------	9,300	------	------	------	------
BACHELOR'S - - - - - - - - - - - - - - - -	11,200	------	------	------	------	------	------	------	------	------
LESS THAN BACHELOR'S - - - - - - - - - - -	------	------	------	------	------	------	------	------	------	------
NO REPORT - - - - - - - - - - - - - - - - -	------	------	------	------	------	------	------	------	------	------

NOTE - ALL MEDIAN SALARIES WERE COMPUTED ONLY FOR FULL-TIME EMPLOYED CIVILIAN SCIENTISTS. NO MEDIAN WAS COMPUTED FOR GROUPS WITH FEWER THAN 25 REGISTRANTS REPORTING SALARY.

SOURCE - NATIONAL REGISTER OF SCIENTIFIC AND TECHNICAL PERSONNEL, 1970.

TABLE B-19. MEDIAN ANNUAL SALARIES OF SCIENTISTS, BY FIELD, PRIMARY WORK ACTIVITY, AND HIGHEST DEGREE, 1970

SCIENTIFIC AND TECHNICAL FIELD AND PRIMARY WORK ACTIVITY	TOTAL	HIGHEST DEGREE				LESS THAN BACHELOR'S DEGREE	NO REPORT OF DEGREE
		DOCTORATE	PROFESSIONAL MEDICAL	MASTER'S	BACHELOR'S		
ALL FIELDS	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
RESEARCH AND DEVELOPMENT (R&D)	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
BASIC RESEARCH	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	-------	[illegible]
APPLIED RESEARCH	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
MANAGEMENT OR ADMINISTRATION (R&D)	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
MANAGEMENT OR ADMINISTRATION OF RESEARCH AND DEVELOPMENT	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
TEACHING	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	-------	[illegible]
PRODUCTION AND INSPECTION	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
CONSULTING	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	-------	[illegible]
EXPLORATION, FORECASTING, AND REPORTING	[illegible]	[illegible]	-------	[illegible]	[illegible]	[illegible]	[illegible]
OTHER	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	-------	[illegible]
NO REPORT	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	-------	[illegible]
CHEMISTRY	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
RESEARCH AND DEVELOPMENT (R&D)	[illegible]	[illegible]	-------	[illegible]	[illegible]	[illegible]	[illegible]
BASIC RESEARCH	[illegible]	[illegible]	-------	[illegible]	[illegible]	-------	[illegible]
APPLIED RESEARCH	[illegible]	[illegible]	-------	[illegible]	[illegible]	[illegible]	[illegible]
MANAGEMENT OR ADMINISTRATION (R&D)	[illegible]	[illegible]	-------	[illegible]	[illegible]	[illegible]	[illegible]
MANAGEMENT OR ADMINISTRATION OF RESEARCH AND DEVELOPMENT	[illegible]	[illegible]	-------	[illegible]	[illegible]	-------	[illegible]
TEACHING	[illegible]	[illegible]	-------	[illegible]	[illegible]	-------	-------
PRODUCTION AND INSPECTION	[illegible]	[illegible]	-------	[illegible]	[illegible]	[illegible]	[illegible]
CONSULTING	[illegible]	[illegible]	-------	[illegible]	[illegible]	-------	-------
EXPLORATION, FORECASTING, AND REPORTING	[illegible]	[illegible]	-------	[illegible]	[illegible]	-------	-------
OTHER	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	-------	-------
NO REPORT	[illegible]	[illegible]	-------	[illegible]	[illegible]	-------	-------
EARTH & MARINE SCIENCES	[illegible]	[illegible]	-------	[illegible]	[illegible]	[illegible]	[illegible]
RESEARCH AND DEVELOPMENT (R&D)	[illegible]	[illegible]	-------	[illegible]	[illegible]	-------	[illegible]
BASIC RESEARCH	[illegible]	[illegible]	-------	[illegible]	[illegible]	-------	-------
APPLIED RESEARCH	[illegible]	[illegible]	-------	[illegible]	[illegible]	-------	-------
MANAGEMENT OR ADMINISTRATION (R&D)	[illegible]	[illegible]	-------	[illegible]	[illegible]	-------	[illegible]
MANAGEMENT OR ADMINISTRATION OF RESEARCH AND DEVELOPMENT	[illegible]	[illegible]	-------	[illegible]	[illegible]	-------	-------
TEACHING	[illegible]	[illegible]	-------	[illegible]	[illegible]	-------	-------
PRODUCTION AND INSPECTION	[illegible]	[illegible]	-------	[illegible]	[illegible]	-------	-------
CONSULTING	[illegible]	[illegible]	-------	[illegible]	[illegible]	-------	-------
EXPLORATION, FORECASTING, AND REPORTING	[illegible]	[illegible]	-------	[illegible]	[illegible]	-------	[illegible]
OTHER	[illegible]	-------	-------	[illegible]	[illegible]	-------	-------
NO REPORT	[illegible]	[illegible]	-------	[illegible]	[illegible]	-------	-------
ATMOSPHERIC & SPACE SCIENCES	[illegible]	[illegible]	-------	[illegible]	[illegible]	[illegible]	[illegible]
RESEARCH AND DEVELOPMENT (R&D)	[illegible]	[illegible]	-------	[illegible]	[illegible]	-------	[illegible]
BASIC RESEARCH	[illegible]	[illegible]	-------	[illegible]	[illegible]	-------	-------
APPLIED RESEARCH	[illegible]	[illegible]	-------	[illegible]	[illegible]	-------	-------
MANAGEMENT OR ADMINISTRATION (R&D)	[illegible]	[illegible]	-------	[illegible]	[illegible]	[illegible]	[illegible]
MANAGEMENT OR ADMINISTRATION OF RESEARCH AND DEVELOPMENT	[illegible]	[illegible]	-------	[illegible]	[illegible]	-------	-------
TEACHING	[illegible]	[illegible]	-------	[illegible]	[illegible]	-------	-------
PRODUCTION AND INSPECTION	[illegible]	-------	-------	-------	[illegible]	-------	-------
CONSULTING	[illegible]	-------	-------	[illegible]	-------	-------	-------
EXPLORATION, FORECASTING, AND REPORTING	[illegible]	-------	-------	[illegible]	[illegible]	[illegible]	[illegible]
OTHER	[illegible]	-------	-------	[illegible]	[illegible]	-------	-------
NO REPORT	[illegible]	-------	-------	-------	[illegible]	-------	-------
PHYSICS	[illegible]	[illegible]	-------	[illegible]	[illegible]	-------	[illegible]
RESEARCH AND DEVELOPMENT (R&D)	[illegible]	[illegible]	-------	[illegible]	[illegible]	-------	[illegible]
BASIC RESEARCH	[illegible]	[illegible]	-------	[illegible]	[illegible]	-------	-------
APPLIED RESEARCH	[illegible]	[illegible]	-------	[illegible]	[illegible]	-------	-------
MANAGEMENT OR ADMINISTRATION (R&D)	[illegible]	[illegible]	-------	[illegible]	[illegible]	-------	-------
MANAGEMENT OR ADMINISTRATION OF RESEARCH AND DEVELOPMENT	[illegible]	[illegible]	-------	[illegible]	[illegible]	-------	-------
TEACHING	[illegible]	[illegible]	-------	[illegible]	[illegible]	-------	-------
PRODUCTION AND INSPECTION	[illegible]	[illegible]	-------	[illegible]	[illegible]	-------	-------
CONSULTING	[illegible]	[illegible]	-------	[illegible]	[illegible]	-------	-------
EXPLORATION, FORECASTING, AND REPORTING	[illegible]	[illegible]	-------	[illegible]	[illegible]	-------	-------
OTHER	[illegible]	[illegible]	-------	[illegible]	[illegible]	-------	-------
NO REPORT	[illegible]	[illegible]	-------	[illegible]	[illegible]	-------	-------
MATHEMATICS	[illegible]	[illegible]	-------	[illegible]	[illegible]	-------	[illegible]
RESEARCH AND DEVELOPMENT (R&D)	[illegible]	[illegible]	-------	[illegible]	[illegible]	-------	-------
BASIC RESEARCH	[illegible]	[illegible]	-------	[illegible]	[illegible]	-------	-------
APPLIED RESEARCH	[illegible]	[illegible]	-------	[illegible]	[illegible]	-------	-------
MANAGEMENT OR ADMINISTRATION (R&D)	[illegible]	[illegible]	-------	[illegible]	[illegible]	-------	-------
MANAGEMENT OR ADMINISTRATION OF RESEARCH AND DEVELOPMENT	[illegible]	[illegible]	-------	[illegible]	[illegible]	-------	-------
TEACHING	[illegible]	[illegible]	-------	[illegible]	[illegible]	-------	-------
PRODUCTION AND INSPECTION	[illegible]	-------	-------	[illegible]	[illegible]	-------	-------
CONSULTING	[illegible]	[illegible]	-------	[illegible]	[illegible]	-------	-------
EXPLORATION, FORECASTING, AND REPORTING	[illegible]	[illegible]	-------	[illegible]	[illegible]	-------	-------
OTHER	[illegible]	[illegible]	-------	[illegible]	[illegible]	-------	-------
NO REPORT	[illegible]	[illegible]	-------	[illegible]	[illegible]	-------	-------

TABLE A-17. MEDIAN ANNUAL SALARIES OF SCIENTISTS, BY FIELD, PRIMARY WORK ACTIVITY, AND HIGHEST DEGREE, 1970--CONTINUED

SCIENTIFIC AND TECHNICAL FIELD AND PRIMARY WORK ACTIVITY	TOTAL	HIGHEST DEGREE				LESS THAN BACHELOR'S DEGREE	NO REPORT OF DEGREE
		DOCTORATE	PROFESSIONAL MEDICAL	MASTER'S	BACHELOR'S		
COMPUTER SCIENCES	[illegible]	[illegible]	------	[illegible]	[illegible]	------	------
RESEARCH AND DEVELOPMENT (R&D)	[illegible]	[illegible]	------	[illegible]	[illegible]	------	------
BASIC RESEARCH	[illegible]	[illegible]	------	[illegible]	[illegible]	------	------
APPLIED RESEARCH	[illegible]	[illegible]	------	[illegible]	[illegible]	------	------
MANAGEMENT OR ADMINISTRATION (R&D)	[illegible]	[illegible]	------	[illegible]	[illegible]	------	------
MANAGEMENT OR ADMINISTRATION OF RESEARCH AND DEVELOPMENT	[illegible]	[illegible]	------	[illegible]	[illegible]	------	------
TEACHING	[illegible]	[illegible]	------	[illegible]	[illegible]	------	------
PRODUCTION AND INSPECTION	[illegible]	------	------	[illegible]	[illegible]	------	------
CONSULTING	[illegible]	[illegible]	------	[illegible]	[illegible]	------	------
EXPLORATION, FORECASTING, AND REPORTING	[illegible]	------	------	[illegible]	[illegible]	------	------
OTHER	[illegible]	------	------	[illegible]	[illegible]	------	------
NO REPORT	[illegible]	------	------	[illegible]	[illegible]	------	------
AGRICULTURAL SCIENCES	[illegible]	[illegible]	------	[illegible]	[illegible]	------	[illegible]
RESEARCH AND DEVELOPMENT (R&D)	[illegible]	[illegible]	------	[illegible]	[illegible]	------	------
BASIC RESEARCH	[illegible]	[illegible]	------	[illegible]	[illegible]	------	------
APPLIED RESEARCH	[illegible]	[illegible]	------	[illegible]	[illegible]	------	------
MANAGEMENT OR ADMINISTRATION (R&D)	[illegible]	[illegible]	------	[illegible]	[illegible]	------	[illegible]
MANAGEMENT OR ADMINISTRATION OF RESEARCH AND DEVELOPMENT	[illegible]	[illegible]	------	[illegible]	[illegible]	------	------
TEACHING	[illegible]	[illegible]	------	[illegible]	[illegible]	------	------
PRODUCTION AND INSPECTION	[illegible]	------	------	------	[illegible]	------	------
CONSULTING	[illegible]	------	------	------	[illegible]	------	------
EXPLORATION, FORECASTING, AND REPORTING	[illegible]	------	------	[illegible]	[illegible]	------	------
OTHER	[illegible]	[illegible]	------	[illegible]	[illegible]	------	------
NO REPORT	[illegible]	[illegible]	------	[illegible]	[illegible]	------	------
BIOLOGICAL SCIENCES	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	------	[illegible]
RESEARCH AND DEVELOPMENT (R&D)	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	------	[illegible]
BASIC RESEARCH	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	------	[illegible]
APPLIED RESEARCH	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	------	------
MANAGEMENT OR ADMINISTRATION (R&D)	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	------	------
MANAGEMENT OR ADMINISTRATION OF RESEARCH AND DEVELOPMENT	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	------	------
TEACHING	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	------	------
PRODUCTION AND INSPECTION	[illegible]	------	------	------	[illegible]	------	------
CONSULTING	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	------	------
EXPLORATION, FORECASTING, AND REPORTING	[illegible]	[illegible]	------	[illegible]	[illegible]	------	------
OTHER	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	------	------
NO REPORT	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	------	------
PSYCHOLOGY	[illegible]	[illegible]	------	[illegible]	[illegible]	------	------
RESEARCH AND DEVELOPMENT (R&D)	[illegible]	[illegible]	------	[illegible]	[illegible]	------	------
BASIC RESEARCH	[illegible]	[illegible]	------	[illegible]	------	------	------
APPLIED RESEARCH	[illegible]	[illegible]	------	[illegible]	[illegible]	------	------
MANAGEMENT OR ADMINISTRATION (R&D)	[illegible]	[illegible]	------	[illegible]	[illegible]	------	------
MANAGEMENT OR ADMINISTRATION OF RESEARCH AND DEVELOPMENT	[illegible]	[illegible]	------	[illegible]	------	------	------
TEACHING	[illegible]	[illegible]	------	[illegible]	------	------	------
PRODUCTION AND INSPECTION	------	------	------	------	------	------	------
CONSULTING	[illegible]	[illegible]	------	[illegible]	[illegible]	------	------
EXPLORATION, FORECASTING, AND REPORTING	[illegible]	[illegible]	------	------	------	------	------
OTHER	[illegible]	[illegible]	------	[illegible]	------	------	------
NO REPORT	[illegible]	[illegible]	------	[illegible]	------	------	------
STATISTICS	[illegible]	[illegible]	------	[illegible]	[illegible]	------	------
RESEARCH AND DEVELOPMENT (R&D)	[illegible]	[illegible]	------	[illegible]	[illegible]	------	------
BASIC RESEARCH	[illegible]	[illegible]	------	------	------	------	------
APPLIED RESEARCH	[illegible]	[illegible]	------	[illegible]	[illegible]	------	------
MANAGEMENT OR ADMINISTRATION (R&D)	[illegible]	[illegible]	------	[illegible]	[illegible]	------	------
MANAGEMENT OR ADMINISTRATION OF RESEARCH AND DEVELOPMENT	[illegible]	[illegible]	------	[illegible]	[illegible]	------	------
TEACHING	[illegible]	[illegible]	------	[illegible]	------	------	------
PRODUCTION AND INSPECTION	[illegible]	------	------	[illegible]	[illegible]	------	------
CONSULTING	[illegible]	[illegible]	------	[illegible]	[illegible]	------	------
EXPLORATION, FORECASTING, AND REPORTING	[illegible]	------	------	[illegible]	[illegible]	------	------
OTHER	[illegible]	------	------	[illegible]	------	------	------
NO REPORT	[illegible]	------	------	------	------	------	------
ECONOMICS	[illegible]	[illegible]	------	[illegible]	[illegible]	------	[illegible]
RESEARCH AND DEVELOPMENT (R&D)	[illegible]	[illegible]	------	[illegible]	[illegible]	------	------
BASIC RESEARCH	[illegible]	[illegible]	------	[illegible]	[illegible]	------	------
APPLIED RESEARCH	[illegible]	[illegible]	------	[illegible]	[illegible]	------	------
MANAGEMENT OR ADMINISTRATION (R&D)	[illegible]	[illegible]	------	[illegible]	[illegible]	------	------
MANAGEMENT OR ADMINISTRATION OF RESEARCH AND DEVELOPMENT	[illegible]	[illegible]	------	[illegible]	[illegible]	------	------
TEACHING	[illegible]	[illegible]	------	[illegible]	[illegible]	------	------
PRODUCTION AND INSPECTION	[illegible]	[illegible]	------	[illegible]	[illegible]	------	------
CONSULTING	[illegible]	[illegible]	------	[illegible]	[illegible]	------	------
EXPLORATION, FORECASTING, AND REPORTING	[illegible]	[illegible]	------	[illegible]	[illegible]	------	------
OTHER	[illegible]	[illegible]	------	[illegible]	[illegible]	------	------
NO REPORT	[illegible]	[illegible]	------	[illegible]	------	------	------

TABLE A-10. MEDIAN ANNUAL SALARIES OF SCIENTISTS, BY FIELD, AGE, AND TYPE OF EMPLOYER, 1970

SCIENTIFIC AND TECHNICAL FIELD AND AGE	TOTAL	TYPE OF EMPLOYER								NO REPORT OF TYPE OF EMPLOYER
		EDUCATIONAL INSTITUTIONS		FEDERAL GOVERN-MENT	OTHER GOVERN-MENT	NONPROFIT ORGANIZA-TIONS	INDUSTRY AND BUSINESS	SELF-EMPLOYED	OTHER	
		ACADEMIC YEAR	CALENDAR YEAR							
ALL FIELDS	15,000	12,500	15,500	16,100	13,000	16,400	16,700	20,000	14,000	15,000
24 AND UNDER	8,700	6,500	5,800	9,400	8,000	7,800	10,700	------	7,900	------
25-29	10,800	10,000	8,900	11,800	9,500	10,700	12,500	11,000	10,000	9,600
30-34	13,000	11,300	13,300	13,800	11,400	14,000	15,300	14,000	12,400	12,000
35-39	15,000	12,500	15,500	15,200	13,000	16,600	17,100	20,000	15,000	14,300
40-44	16,800	14,000	18,000	17,900	14,500	18,300	18,000	20,500	16,200	17,000
45-49	18,000	15,000	19,000	18,400	14,500	19,500	19,000	24,000	17,200	18,400
50-54	19,500	15,500	20,300	19,000	15,100	20,500	20,000	22,000	18,500	18,000
55-59	18,500	15,800	20,500	19,400	15,000	21,000	20,000	23,000	17,500	15,800
60-64	18,300	16,000	20,300	20,300	15,900	20,000	19,400	20,000	16,000	15,800
65-69	18,000	15,400	20,000	21,000	16,000	20,000	20,300	18,000	------	------
70 AND OVER	16,000	12,400	17,000	22,400	16,000	12,000	17,100	20,000	------	------
NO REPORT	13,500	12,000	15,000	16,200	11,700	13,000	15,000	------	------	------
CHEMISTRY	15,300	12,000	17,000	16,900	12,900	15,000	16,200	20,000	14,400	15,000
24 AND UNDER	9,000	5,600	5,400	10,000	7,000	7,400	10,100	------	------	------
25-29	10,900	9,300	8,700	11,900	9,500	9,300	12,000	9,100	10,000	8,900
30-34	13,500	11,000	11,200	14,000	11,500	12,500	15,000	15,600	13,000	13,300
35-39	15,500	12,700	14,500	15,400	13,000	15,000	16,500	22,000	15,000	------
40-44	17,000	13,900	16,200	17,400	14,000	16,800	17,700	22,000	17,800	------
45-49	18,000	15,000	18,000	18,400	14,400	18,000	18,500	25,000	17,600	------
50-54	19,000	15,000	19,300	19,300	15,000	19,600	19,500	21,000	19,000	------
55-59	18,800	15,100	20,000	20,000	14,400	19,000	19,100	22,000	18,800	------
60-64	18,000	15,000	19,000	20,000	15,800	17,300	18,600	18,000	------	------
65-69	17,500	14,600	19,400	18,500	15,000	------	18,300	16,500	------	------
70 AND OVER	15,600	11,000	------	------	------	------	18,000	------	------	------
NO REPORT	13,000	------	------	------	------	------	15,000	------	------	------
EARTH & MARINE SCIENCES	14,900	12,000	14,100	16,000	12,600	14,000	15,700	18,000	12,700	15,500
24 AND UNDER	8,400	6,900	------	9,100	8,100	------	10,000	------	------	------
25-29	10,200	9,000	9,700	11,700	9,700	------	11,400	------	------	------
30-34	12,000	10,900	12,000	13,400	11,700	12,000	13,200	------	------	------
35-39	14,000	12,500	14,000	14,700	13,000	14,700	15,000	16,000	------	------
40-44	15,800	13,400	16,000	16,300	14,500	15,000	16,500	18,000	------	------
45-49	16,800	14,500	18,000	17,900	14,000	14,000	17,400	20,000	------	------
50-54	18,000	15,000	19,200	19,000	15,100	------	19,000	17,500	------	------
55-59	18,400	15,200	18,700	20,000	12,600	------	20,000	20,000	------	------
60-64	18,600	16,000	19,400	20,500	------	------	20,000	20,000	------	------
65-69	18,700	17,000	------	20,000	------	------	20,300	------	------	------
70 AND OVER	18,300	------	------	------	------	------	------	------	------	------
NO REPORT	14,000	------	------	------	------	------	------	------	------	------
ATMOSPHERIC & SPACE SCIENCES	15,200	13,500	14,500	15,600	13,200	15,600	15,300	17,500	------	------
24 AND UNDER	8,400	------	------	------	------	------	------	------	------	------
25-29	11,000	9,500	8,000	12,900	------	------	11,000	------	------	------
30-34	13,500	12,000	13,000	14,000	------	------	13,200	------	------	------
35-39	15,000	14,000	14,500	15,300	------	------	14,200	------	------	------
40-44	16,000	------	18,000	16,000	------	------	15,400	------	------	------
45-49	16,900	16,000	20,000	16,900	13,700	------	16,900	------	------	------
50-54	17,000	------	21,000	17,300	------	------	15,900	------	------	------
55-59	16,200	------	------	16,900	------	------	17,100	------	------	------
60-64	16,100	------	------	16,100	------	------	------	------	------	------
65-69	------	------	------	------	------	------	------	------	------	------
70 AND OVER	------	------	------	------	------	------	------	------	------	------
NO REPORT	------	------	------	------	------	------	------	------	------	------
PHYSICS	15,900	12,500	13,500	17,400	12,100	18,000	18,000	20,000	8,200	------
24 AND UNDER	9,000	8,600	------	10,900	------	------	10,800	------	------	------
25-29	11,500	9,600	9,600	13,000	------	12,000	13,400	------	------	------
30-34	14,000	11,300	12,000	15,200	11,000	15,500	16,600	------	------	------
35-39	16,500	12,800	15,600	17,600	------	18,400	18,600	------	------	------
40-44	19,000	15,000	18,400	20,000	------	20,500	21,000	------	------	------
45-49	20,400	16,000	20,000	21,600	------	22,000	22,500	------	------	------
50-54	21,000	16,000	22,500	23,000	------	23,000	22,600	------	------	------
55-59	20,300	16,000	21,200	24,000	------	24,900	22,300	------	------	------
60-64	19,800	16,000	20,000	25,200	------	------	22,400	------	------	------
65-69	18,000	16,000	18,900	23,400	------	------	21,000	------	------	------
70 AND OVER	15,000	------	------	------	------	------	------	------	------	------
NO REPORT	12,000	------	------	------	------	------	------	------	------	------
MATHEMATICS	14,300	11,900	13,700	17,400	15,000	19,500	19,000	22,000	14,600	------
24 AND UNDER	9,300	8,000	------	------	------	------	------	------	------	------
25-29	10,800	10,000	10,700	13,100	12,700	14,500	14,500	------	11,500	------
30-34	12,900	11,300	12,000	16,000	12,100	16,600	17,400	------	------	------
35-39	15,500	12,500	14,500	17,900	16,500	20,400	20,200	------	15,700	------
40-44	17,400	13,900	15,400	20,000	17,000	20,400	22,800	21,000	------	------
45-49	19,000	15,000	18,500	22,100	16,500	23,000	23,900	------	------	------
50-54	18,200	14,500	18,200	22,200	------	23,000	25,000	------	------	------
55-59	17,000	15,000	16,400	21,600	------	------	25,700	------	------	------
60-64	16,600	15,000	16,000	22,500	------	------	24,500	------	------	------
65-69	15,400	14,000	19,000	------	------	------	------	------	------	------
70 AND OVER	14,000	------	------	------	------	------	------	------	------	------
NO REPORT	------	------	------	------	------	------	------	------	------	------

TABLE A-16. MEDIAN ANNUAL SALARIES OF SCIENTISTS, BY FIELD, AGE, AND TYPE OF EMPLOYER, 1970--CONTINUED

SCIENTIFIC AND TECHNICAL FIELD AND AGE	TOTAL	TYPE OF EMPLOYER								NO REPORT OF TYPE OF EMPLOYER
		EDUCATIONAL INSTITUTIONS		FEDERAL GOVERN-MENT	OTHER GOVERN-MENT	NONPROFIT ORGANIZA-TIONS	INDUSTRY AND BUSINESS	SELF-EMPLOYED	OTHER	
		ACADEMIC YEAR	CALENDAR YEAR							
COMPUTER SCIENCES - - - - - - - - - - -	16,900	13,900	16,300	16,800	14,600	17,500	16,900	20,000	15,500	------
24 AND UNDER - - - - - - - - - - - - - -	11,100	------	------	------	------	------	11,800	------	------	------
25-29 - - - - - - - - - - - - - - - - -	13,100	10,900	11,200	13,100	11,400	13,500	13,500	------	------	------
30-34 - - - - - - - - - - - - - - - - -	15,900	12,000	13,700	15,400	14,600	15,400	16,200	------	------	------
35-39 - - - - - - - - - - - - - - - - -	18,500	14,200	16,400	17,900	------	19,000	18,900	------	------	------
40-44 - - - - - - - - - - - - - - - - -	22,000	17,900	19,400	20,000	17,100	22,400	20,200	------	------	------
45-49 - - - - - - - - - - - - - - - - -	20,000	16,200	16,400	19,400	------	21,000	20,400	------	------	------
50-54 - - - - - - - - - - - - - - - - -	23,000	------	------	18,700	------	------	20,200	------	------	------
55-59 - - - - - - - - - - - - - - - - -	19,700	------	------	20,400	------	------	19,000	------	------	------
60-64 - - - - - - - - - - - - - - - - -	19,300	------	------	------	------	------	------	------	------	------
65-69 - - - - - - - - - - - - - - - - -	------	------	------	------	------	------	------	------	------	------
70 AND OVER - - - - - - - - - - - - - -	------	------	------	------	------	------	------	------	------	------
NO REPORT - - - - - - - - - - - - - - -	------	------	------	------	------	------	------	------	------	------
AGRICULTURAL SCIENCES - - - - - - - - -	12,800	12,000	15,300	13,100	10,900	14,300	17,700	17,300	11,400	12,000
24 AND UNDER - - - - - - - - - - - - - -	7,400	------	------	------	------	------	------	------	------	------
25-29 - - - - - - - - - - - - - - - - -	9,200	------	10,300	9,900	8,500	------	9,500	10,000	------	------
30-34 - - - - - - - - - - - - - - - - -	10,600	11,000	12,900	11,300	9,700	10,500	12,000	17,400	------	------
35-39 - - - - - - - - - - - - - - - - -	12,400	11,800	14,300	12,400	10,800	13,000	13,300	12,900	------	------
40-44 - - - - - - - - - - - - - - - - -	16,000	12,500	15,500	14,900	12,300	15,000	13,300	15,300	------	------
45-49 - - - - - - - - - - - - - - - - -	14,700	12,100	16,700	15,200	12,500	14,000	14,000	15,300	------	------
50-54 - - - - - - - - - - - - - - - - -	15,400	------	17,500	16,100	13,700	18,000	15,300	------	------	------
55-59 - - - - - - - - - - - - - - - - -	14,400	14,900	14,100	17,400	12,400	------	16,300	------	------	------
60-64 - - - - - - - - - - - - - - - - -	17,000	------	17,400	18,500	12,400	------	15,500	------	------	------
65-69 - - - - - - - - - - - - - - - - -	16,800	------	16,800	20,300	------	------	------	------	------	------
70 AND OVER - - - - - - - - - - - - - -	------	------	------	------	------	------	------	------	------	------
NO REPORT - - - - - - - - - - - - - - -	11,700	------	------	------	------	------	------	------	------	------
BIOLOGICAL SCIENCES - - - - - - - - - -	15,000	12,200	17,300	16,900	13,200	17,000	17,000	25,000	15,300	14,000
24 AND UNDER - - - - - - - - - - - - - -	7,000	------	------	------	------	------	------	------	------	------
25-29 - - - - - - - - - - - - - - - - -	8,900	9,500	8,500	13,500	8,400	9,100	11,100	------	7,500	------
30-34 - - - - - - - - - - - - - - - - -	11,900	10,900	13,300	13,400	10,500	11,500	14,500	15,000	10,900	10,400
35-39 - - - - - - - - - - - - - - - - -	14,500	12,000	16,100	15,400	13,500	16,900	16,700	21,000	14,600	13,000
40-44 - - - - - - - - - - - - - - - - -	16,700	13,900	19,000	17,000	15,500	19,000	18,100	27,300	16,300	17,900
45-49 - - - - - - - - - - - - - - - - -	18,000	14,500	20,100	16,400	14,700	21,000	19,400	28,000	16,000	------
50-54 - - - - - - - - - - - - - - - - -	19,000	15,000	21,100	19,500	15,700	23,000	20,500	25,000	------	------
55-59 - - - - - - - - - - - - - - - - -	19,900	15,400	22,500	20,400	15,300	25,000	21,500	25,000	------	------
60-64 - - - - - - - - - - - - - - - - -	20,000	14,700	22,000	21,000	19,000	25,000	22,600	21,000	------	------
65-69 - - - - - - - - - - - - - - - - -	20,900	16,000	21,000	23,000	19,000	25,000	------	------	------	------
70 AND OVER - - - - - - - - - - - - - -	18,000	------	15,600	25,200	------	------	------	------	------	------
NO REPORT - - - - - - - - - - - - - - -	13,000	------	18,000	------	------	------	------	------	------	------
PSYCHOLOGY - - - - - - - - - - - - - - -	15,000	13,000	16,000	18,000	14,900	16,700	19,600	25,000	16,000	17,000
24 AND UNDER - - - - - - - - - - - - - -	8,500	------	------	------	------	------	------	------	------	------
25-29 - - - - - - - - - - - - - - - - -	11,000	10,500	12,000	13,500	10,800	11,400	13,700	------	------	------
30-34 - - - - - - - - - - - - - - - - -	13,000	11,600	14,000	14,700	13,700	14,900	16,000	20,000	------	------
35-39 - - - - - - - - - - - - - - - - -	15,000	12,900	15,400	17,000	14,500	16,200	19,500	24,000	------	------
40-44 - - - - - - - - - - - - - - - - -	16,300	14,200	17,500	18,000	15,500	17,000	21,000	25,400	18,500	------
45-49 - - - - - - - - - - - - - - - - -	17,000	15,000	17,500	19,100	15,100	18,000	23,000	25,700	------	18,400
50-54 - - - - - - - - - - - - - - - - -	17,300	15,200	19,300	20,000	15,400	17,500	23,000	24,000	------	------
55-59 - - - - - - - - - - - - - - - - -	17,000	15,800	20,000	18,900	15,800	18,000	22,000	25,000	------	------
60-64 - - - - - - - - - - - - - - - - -	16,500	15,600	18,700	18,900	15,000	15,500	20,500	20,000	------	------
65-69 - - - - - - - - - - - - - - - - -	16,900	16,500	18,500	------	14,400	------	------	------	------	------
70 AND OVER - - - - - - - - - - - - - -	13,700	------	------	------	------	------	------	------	------	------
NO REPORT - - - - - - - - - - - - - - -	13,600	13,000	------	------	------	------	------	------	------	------
STATISTICS - - - - - - - - - - - - - - -	16,900	13,500	18,500	19,000	15,100	16,500	17,400	------	------	------
24 AND UNDER - - - - - - - - - - - - - -	------	------	------	------	------	------	------	------	------	------
25-29 - - - - - - - - - - - - - - - - -	13,000	11,500	13,000	12,300	------	------	14,200	------	------	------
30-34 - - - - - - - - - - - - - - - - -	14,500	12,500	15,000	15,900	------	------	16,200	------	------	------
35-39 - - - - - - - - - - - - - - - - -	16,800	14,000	16,800	17,900	------	------	18,000	------	------	------
40-44 - - - - - - - - - - - - - - - - -	18,200	16,500	20,000	18,400	------	------	19,500	------	------	------
45-49 - - - - - - - - - - - - - - - - -	20,000	17,900	21,600	21,600	------	------	20,000	------	------	------
50-54 - - - - - - - - - - - - - - - - -	21,000	21,000	------	22,000	------	------	19,000	------	------	------
55-59 - - - - - - - - - - - - - - - - -	21,000	------	------	22,000	------	------	19,900	------	------	------
60-64 - - - - - - - - - - - - - - - - -	21,000	------	------	22,300	------	------	------	------	------	------
65-69 - - - - - - - - - - - - - - - - -	------	------	------	------	------	------	------	------	------	------
70 AND OVER - - - - - - - - - - - - - -	------	------	------	------	------	------	------	------	------	------
NO REPORT - - - - - - - - - - - - - - -	------	------	------	------	------	------	------	------	------	------
ECONOMICS - - - - - - - - - - - - - - -	18,900	13,800	18,000	20,000	17,800	20,000	25,000	20,000	17,000	------
24 AND UNDER - - - - - - - - - - - - - -	9,300	------	------	------	------	------	------	------	------	------
25-29 - - - - - - - - - - - - - - - - -	12,000	11,600	12,500	13,400	12,600	13,500	13,700	------	------	------
30-34 - - - - - - - - - - - - - - - - -	13,900	12,500	14,500	16,000	15,400	17,400	18,600	------	------	------
35-39 - - - - - - - - - - - - - - - - -	16,000	13,900	17,300	18,500	17,300	20,300	20,000	------	------	------
40-44 - - - - - - - - - - - - - - - - -	17,900	15,000	18,300	20,000	22,000	22,000	23,500	------	------	------
45-49 - - - - - - - - - - - - - - - - -	19,500	16,800	19,400	22,000	22,400	24,600	25,000	------	------	------
50-54 - - - - - - - - - - - - - - - - -	20,000	16,300	20,200	24,000	21,500	26,000	26,500	------	------	------
55-59 - - - - - - - - - - - - - - - - -	20,400	17,000	20,500	24,000	23,000	26,700	25,100	------	------	------
60-64 - - - - - - - - - - - - - - - - -	20,000	17,800	23,000	24,900	20,400	------	29,500	------	------	------
65-69 - - - - - - - - - - - - - - - - -	19,800	16,000	21,500	23,500	------	------	------	------	------	------
70 AND OVER - - - - - - - - - - - - - -	18,100	------	------	------	------	------	------	------	------	------
NO REPORT - - - - - - - - - - - - - - -	15,000	------	------	------	------	------	------	------	------	------

TABLE B-11. MEDIAN ANNUAL SALARIES OF SCIENTISTS, BY FIELD, AGE, AND TYPE OF EMPLOYER, 1970--CONTINUED

SCIENTIFIC AND TECHNICAL FIELD AND AGE	TOTAL	TYPE OF EMPLOYER								NO REPORT OF TYPE OF EMPLOYER
		EDUCATIONAL INSTITUTIONS		FEDERAL GOVERN-MENT	OTHER GOVERN-MENT	NONPROFIT ORGANIZA-TIONS	INDUSTRY AND BUSINESS	SELF-EMPLOYED	OTHER	
		ACADEMIC YEAR	CALENDAR YEAR							
SOCIOLOGY	13,000	12,200	15,070	18,400	12,100	14,700	16,200	------	15,000	------
24 AND UNDER	7,600	------	------	------	------	------	------	------	------	------
25-29	9,600	9,500	10,300	------	9,600	10,000	------	------	------	------
30-34	11,400	11,000	13,300	------	12,000	14,000	------	------	------	------
35-39	12,800	12,000	14,735	------	13,900	14,000	------	------	------	------
40-44	14,500	13,500	17,400	20,000	14,500	16,000	------	------	------	------
45-49	15,800	14,900	18,000	22,200	16,000	20,000	------	------	------	------
50-54	16,200	15,100	18,500	------	------	18,500	------	------	------	------
55-59	16,800	16,000	19,000	------	------	------	------	------	------	------
60-64	17,500	17,000	17,000	------	------	------	------	------	------	------
65-69	15,500	14,000	------	------	------	------	------	------	------	------
70 AND OVER	------	------	------	------	------	------	------	------	------	------
NO REPORT	12,000	------	------	------	------	------	------	------	------	------
POLITICAL SCIENCE	13,100	12,000	15,900	18,900	15,400	18,000	17,700	------	13,000	------
24 AND UNDER	7,800	------	------	------	------	------	------	------	------	------
25-29	10,300	10,000	10,000	11,300	10,400	11,000	12,300	------	------	------
30-34	11,700	11,000	12,100	13,400	12,500	14,300	------	------	------	------
35-39	13,000	12,300	15,000	16,700	15,400	------	------	------	------	------
40-44	15,000	13,500	17,700	19,100	20,000	------	------	------	------	------
45-49	17,500	15,000	20,000	23,000	20,000	23,000	------	------	------	------
50-54	18,000	16,000	20,000	25,700	------	------	------	------	------	------
55-59	18,000	15,000	19,800	23,600	------	------	------	------	------	------
60-64	18,300	17,000	20,000	------	------	------	------	------	------	------
65-69	19,000	18,000	------	------	------	------	------	------	------	------
70 AND OVER	------	------	------	------	------	------	------	------	------	------
NO REPORT	------	------	------	------	------	------	------	------	------	------
ANTHROPOLOGY	14,700	14,000	15,500	18,900	------	17,000	------	------	15,000	------
24 AND UNDER	------	------	------	------	------	------	------	------	------	------
25-29	10,700	------	------	------	------	------	------	------	------	------
30-34	11,600	11,500	12,600	------	------	------	------	------	------	------
35-39	12,600	12,500	13,900	------	------	------	------	------	------	------
40-44	14,600	13,800	16,500	------	------	------	------	------	------	------
45-49	17,000	16,300	17,900	------	------	------	------	------	------	------
50-54	18,500	18,000	20,000	------	------	------	------	------	------	------
55-59	18,500	18,500	------	------	------	------	------	------	------	------
60-64	20,000	21,500	------	------	------	------	------	------	------	------
65-69	------	------	------	------	------	------	------	------	------	------
70 AND OVER	------	------	------	------	------	------	------	------	------	------
NO REPORT	------	------	------	------	------	------	------	------	------	------
LINGUISTICS	12,900	12,500	13,000	15,600	------	10,000	18,000	------	------	------
24 AND UNDER	------	------	------	------	------	------	------	------	------	------
25-29	10,000	10,300	------	------	------	------	------	------	------	------
30-34	11,000	10,800	11,000	------	------	------	------	------	------	------
35-39	12,000	12,000	12,300	------	------	------	------	------	------	------
40-44	13,600	13,100	14,500	------	------	------	------	------	------	------
45-49	14,000	13,500	14,500	------	------	------	------	------	------	------
50-54	16,000	15,000	18,000	------	------	------	------	------	------	------
55-59	17,000	16,800	------	------	------	------	------	------	------	------
60-64	18,000	17,100	------	------	------	------	------	------	------	------
65-69	18,000	------	------	------	------	------	------	------	------	------
70 AND OVER	------	------	------	------	------	------	------	------	------	------
NO REPORT	------	------	------	------	------	------	------	------	------	------

NOTE - ALL MEDIAN SALARIES WERE COMPUTED ONLY FOR FULL-TIME EMPLOYED CIVILIAN SCIENTISTS. NO MEDIAN WAS COMPUTED FOR GROUPS WITH FEWER THAN 25 REGISTRANTS REPORTING SALARY.

SOURCE - NATIONAL REGISTER OF SCIENTIFIC AND TECHNICAL PERSONNEL, 1970.

TABLE A-17A. MEDIAN ANNUAL SALARIES OF SCIENTISTS, BY FIELD, PRIMARY WORK ACTIVITY, AND TYPE OF EMPLOYER, 1972

SCIENTIFIC AND TECHNICAL FIELD AND PRIMARY WORK ACTIVITY	TOTAL	TYPE OF EMPLOYER								NO REPORT OF TYPE OF EMPLOYER
		EDUCATIONAL INSTITUTIONS		FEDERAL GOVERNMENT	OTHER GOVERNMENT	NONPROFIT ORGANIZATIONS	INDUSTRY AND BUSINESS	SELF-EMPLOYED	OTHER	
		ACADEMIC YEAR	CALENDAR YEAR							
ALL FIELDS	15,000	12,500	15,500	16,100	13,000	16,400	16,700	20,000	14,000	15,000
RESEARCH AND DEVELOPMENT (A)	15,000	13,500	14,500	15,400	12,900	15,800	16,300	17,700	13,500	14,400
BASIC RESEARCH	14,700	13,500	13,700	16,000	13,100	15,000	16,700	19,500	17,000	13,500
APPLIED RESEARCH	15,800	13,900	16,000	15,800	12,600	16,300	16,100	18,000	15,000	14,600
MANAGEMENT OR ADMINISTRATION (B)	19,200	17,000	20,500	18,000	13,600	20,000	20,000	19,000	17,500	18,000
MANAGEMENT OR ADMINISTRATION OF RESEARCH AND DEVELOPMENT	20,700	18,000	21,000	21,600	14,300	22,000	21,000	20,000	18,300	18,900
TEACHING	12,300	12,000	15,000	15,100	13,000	14,500	15,000	18,000	10,000	12,100
PRODUCTION AND INSPECTION	13,600	------	13,700	13,400	11,000	11,200	13,800	16,200	12,700	13,200
CONSULTING	16,400	12,500	14,500	17,400	13,500	15,000	18,000	24,000	18,000	16,000
EXPLORATION, FORECASTING, AND REPORTING	14,500	12,500	12,400	14,700	12,000	13,500	14,800	18,000	13,000	------
OTHER	14,000	12,500	14,400	14,000	11,000	13,800	15,300	17,500	12,500	------
NO REPORT	15,500	13,000	16,300	16,300	12,500	15,100	17,300	18,000	15,000	15,000
CHEMISTRY	15,300	12,000	12,000	16,300	12,300	15,000	16,200	20,000	14,400	15,000
RESEARCH AND DEVELOPMENT (A)	15,000	12,000	8,000	15,500	13,000	14,000	15,400	16,000	13,800	15,000
BASIC RESEARCH	13,700	12,000	7,800	15,600	13,600	13,300	16,300	------	12,000	12,000
APPLIED RESEARCH	15,700	12,000	13,400	15,700	12,600	14,400	15,900	------	15,400	------
MANAGEMENT OR ADMINISTRATION (B)	20,000	16,500	20,400	21,000	15,000	20,000	20,000	20,000	19,000	20,200
MANAGEMENT OR ADMINISTRATION OF RESEARCH AND DEVELOPMENT	20,500	------	21,300	21,700	17,300	21,000	20,400	20,000	18,900	------
TEACHING	12,000	12,000	14,200	14,000	11,000	10,000	15,000	------	11,100	------
PRODUCTION AND INSPECTION	13,500	------	12,000	13,600	10,900	11,000	13,700	16,200	12,800	------
CONSULTING	18,000	------	------	16,800	13,000	19,000	17,900	20,000	18,000	------
EXPLORATION, FORECASTING, AND REPORTING	14,000	------	------	15,200	------	12,600	14,400	------	------	------
OTHER	14,400	------	6,500	14,900	11,000	10,100	15,200	24,000	14,000	------
NO REPORT	15,300	12,000	12,400	16,700	11,500	12,400	17,000	------	14,000	12,800
EARTH & MARINE SCIENCES	14,900	12,000	14,100	16,000	12,600	14,000	15,700	18,000	12,700	15,500
RESEARCH AND DEVELOPMENT (A)	15,000	14,300	13,500	15,400	12,000	14,500	16,000	------	13,000	------
BASIC RESEARCH	14,700	14,500	13,300	16,300	12,000	12,700	16,000	------	------	------
APPLIED RESEARCH	15,000	14,000	14,500	15,300	12,200	15,600	16,000	------	------	------
MANAGEMENT OR ADMINISTRATION (B)	19,500	18,000	20,000	19,000	15,200	19,500	20,000	20,000	------	------
MANAGEMENT OR ADMINISTRATION OF RESEARCH AND DEVELOPMENT	20,000	18,700	21,500	20,300	16,000	20,000	20,000	------	------	------
TEACHING	12,000	12,000	13,300	------	------	------	------	------	------	------
PRODUCTION AND INSPECTION	13,500	------	------	12,400	12,000	------	13,800	17,500	------	------
CONSULTING	16,000	------	------	18,500	------	------	15,000	18,000	------	------
EXPLORATION, FORECASTING, AND REPORTING	14,800	------	12,000	14,200	12,000	11,500	15,000	18,000	------	------
OTHER	13,100	------	------	14,200	12,600	------	12,200	------	------	------
NO REPORT	15,000	13,000	12,200	16,600	12,600	------	16,200	18,000	------	------
ATMOSPHERIC & SPACE SCIENCES	15,200	13,500	14,500	15,600	13,200	15,600	15,000	17,500	------	------
RESEARCH AND DEVELOPMENT (A)	15,600	12,900	13,000	16,100	------	15,500	16,200	------	------	------
BASIC RESEARCH	15,000	12,900	12,600	16,300	------	------	------	------	------	------
APPLIED RESEARCH	15,900	------	14,500	16,000	------	15,600	16,900	------	------	------
MANAGEMENT OR ADMINISTRATION (B)	18,400	------	22,600	18,500	15,000	17,000	18,000	------	------	------
MANAGEMENT OR ADMINISTRATION OF RESEARCH AND DEVELOPMENT	20,400	------	------	20,500	------	------	22,000	------	------	------
TEACHING	13,300	13,300	[illegible]	------	------	------	------	------	------	------
PRODUCTION AND INSPECTION	13,500	------	------	------	------	------	12,000	------	------	------
CONSULTING	16,200	------	------	------	------	------	------	------	------	------
EXPLORATION, FORECASTING, AND REPORTING	14,400	------	------	14,700	10,500	------	13,400	------	------	------
OTHER	13,300	------	------	14,000	------	------	13,300	------	------	------
NO REPORT	13,800	------	------	14,300	------	------	15,000	------	------	------
PHYSICS	15,900	12,500	13,500	17,400	12,100	18,000	18,000	20,000	8,200	------
RESEARCH AND DEVELOPMENT (A)	16,200	13,800	12,000	16,300	11,000	17,000	17,100	15,000	7,900	------
BASIC RESEARCH	15,500	13,700	11,600	16,900	------	16,400	18,400	------	7,500	------
APPLIED RESEARCH	17,000	15,500	15,000	16,000	------	17,600	17,200	------	------	------
MANAGEMENT OR ADMINISTRATION (B)	22,100	18,200	21,000	22,900	------	22,000	22,500	22,000	------	------
MANAGEMENT OR ADMINISTRATION OF RESEARCH AND DEVELOPMENT	23,500	21,000	23,000	23,700	------	22,500	23,500	------	------	------
TEACHING	12,000	12,000	14,000	------	------	------	15,000	------	------	------
PRODUCTION AND INSPECTION	15,000	------	------	------	------	------	15,000	------	------	------
CONSULTING	18,700	------	------	19,000	------	------	18,000	22,000	------	------
EXPLORATION, FORECASTING, AND REPORTING	13,500	------	12,000	14,300	------	13,500	13,500	------	------	------
OTHER	15,800	------	------	16,000	------	------	15,300	------	------	------
NO REPORT	16,700	13,000	14,700	17,400	------	------	19,000	------	------	------
MATHEMATICS	14,300	11,900	13,700	17,900	15,000	19,500	19,000	22,000	14,600	------
RESEARCH AND DEVELOPMENT (A)	16,000	12,800	13,200	16,800	17,000	17,700	17,300	------	15,600	------
BASIC RESEARCH	13,300	12,700	12,700	16,300	------	16,000	19,000	------	------	------
APPLIED RESEARCH	17,300	13,200	16,000	17,300	------	18,000	17,500	------	------	------
MANAGEMENT OR ADMINISTRATION (B)	20,800	16,500	18,600	22,000	17,000	23,000	21,700	------	17,900	------
MANAGEMENT OR ADMINISTRATION OF RESEARCH AND DEVELOPMENT	22,000	------	20,000	23,000	------	24,500	22,000	------	------	------
TEACHING	11,400	11,500	12,200	14,200	11,500	------	15,000	------	------	------
PRODUCTION AND INSPECTION	14,100	------	------	------	------	------	14,000	------	------	------
CONSULTING	20,000	------	------	20,200	------	------	20,000	25,000	------	------
EXPLORATION, FORECASTING, AND REPORTING	14,800	------	------	15,200	13,100	------	15,000	------	------	------
OTHER	15,100	13,900	------	16,500	------	------	15,500	------	------	------
NO REPORT	15,600	12,000	14,700	17,000	------	------	20,000	------	------	------

TABLE A-17A. MEDIAN ANNUAL SALARIES OF SCIENTISTS, BY FIELD, PRIMARY WORK ACTIVITY, AND TYPE OF EMPLOYER, 1970--CONTINUED

SCIENTIFIC AND TECHNICAL FIELD AND PRIMARY WORK ACTIVITY	TOTAL	TYPE OF EMPLOYER								NO REPORT OF TYPE OF EMPLOYER
		EDUCATIONAL INSTITUTIONS		FEDERAL GOVERN-MENT	OTHER GOVERN-MENT	NONPROFIT ORGANIZA-TIONS	INDUSTRY AND BUSINESS	SELF-EMPLOYED	OTHER	
		ACADEMIC YEAR	CALENDAR YEAR							
COMPUTER SCIENCES - - - - - - - - - - - -	16,500	13,500	14,300	16,400	14,400	17,500	16,800	20,000	15,600	------
RESEARCH AND DEVELOPMENT (A) - - - - - - - - -	15,500	13,500	12,600	15,400	15,300	16,100	15,700	------	16,300	------
BASIC RESEARCH - - - - - - - - - - - - - - -	15,000	------	11,500	16,100	------	------	18,000	------	------	------
APPLIED RESEARCH - - - - - - - - - - - - -	16,000	14,000	13,000	16,400	15,100	17,200	16,300	------	------	------
MANAGEMENT OR ADMINISTRATION (B) - - - - - -	19,700	------	17,100	20,400	17,000	20,800	20,000	------	------	------
MANAGEMENT OR ADMINISTRATION OF RESEARCH AND DEVELOPMENT - - - - - - -	20,300	------	17,500	21,600	------	21,900	20,500	------	------	------
TEACHING - - - - - - - - - - - - - - - - - -	14,200	13,000	15,200	------	------	------	16,500	------	------	------
PRODUCTION AND INSPECTION - - - - - - - - - -	14,400	------	------	------	------	------	14,400	------	------	------
CONSULTING - - - - - - - - - - - - - - - - -	17,000	------	------	16,400	------	18,900	17,000	20,300	------	------
EXPLORATION, FORECASTING, AND REPORTING - - -	14,000	------	11,700	14,300	11,800	14,000	14,300	------	------	------
OTHER -	15,000	------	------	15,800	------	------	15,100	------	------	------
NO REPORT - - - - - - - - - - - - - - - - - -	16,400	------	------	------	------	------	16,600	------	------	------
AGRICULTURAL SCIENCES - - - - - - - - -	12,400	12,000	15,000	13,100	10,500	14,000	12,200	12,000	11,800	12,000
RESEARCH AND DEVELOPMENT (A) - - - - - - - - -	13,400	------	14,400	13,800	10,100	13,000	13,300	------	------	------
BASIC RESEARCH - - - - - - - - - - - - - - -	13,000	------	13,600	13,500	10,100	------	------	------	------	------
APPLIED RESEARCH - - - - - - - - - - - - -	13,500	------	14,600	13,900	10,100	------	13,300	------	------	------
MANAGEMENT OR ADMINISTRATION (B) - - - - - -	12,500	------	10,500	13,000	10,900	14,700	12,900	14,000	13,600	------
MANAGEMENT OR ADMINISTRATION OF RESEARCH AND DEVELOPMENT - - - - - - -	14,700	------	19,500	17,000	11,000	18,000	15,400	------	------	------
TEACHING - - - - - - - - - - - - - - - - - -	13,700	11,700	15,000	13,700	10,800	------	------	------	------	------
PRODUCTION AND INSPECTION - - - - - - - - - -	11,000	------	------	------	------	------	10,500	------	------	------
CONSULTING - - - - - - - - - - - - - - - - -	10,000	------	------	------	9,300	------	------	------	------	------
EXPLORATION, FORECASTING, AND REPORTING - - -	12,400	------	------	13,000	10,400	------	------	------	------	------
OTHER -	12,000	------	14,300	12,000	9,700	14,000	10,800	11,000	------	------
NO REPORT - - - - - - - - - - - - - - - - - -	13,100	------	15,200	13,100	9,600	------	12,000	------	------	------
BIOLOGICAL SCIENCES - - - - - - - - -	15,000	12,200	17,000	16,300	13,700	17,000	17,000	25,000	13,300	14,000
RESEARCH AND DEVELOPMENT (A) - - - - - - - - -	15,400	14,000	16,000	15,700	13,500	16,000	16,000	20,000	12,900	14,000
BASIC RESEARCH - - - - - - - - - - - - - - -	15,000	14,000	15,600	16,900	14,000	15,600	16,600	------	12,000	13,500
APPLIED RESEARCH - - - - - - - - - - - - -	16,000	14,200	17,500	15,000	12,700	17,400	15,500	------	------	------
MANAGEMENT OR ADMINISTRATION (B) - - - - - -	19,700	17,000	23,900	19,000	14,200	21,000	19,500	15,000	16,100	19,000
MANAGEMENT OR ADMINISTRATION OF RESEARCH AND DEVELOPMENT - - - - - - -	21,000	18,500	23,000	21,600	15,000	22,600	20,400	20,000	14,000	------
TEACHING - - - - - - - - - - - - - - - - - -	12,500	12,000	17,000	20,000	15,000	22,000	------	------	9,000	17,000
PRODUCTION AND INSPECTION - - - - - - - - - -	12,000	------	------	------	------	------	11,000	------	------	------
CONSULTING - - - - - - - - - - - - - - - - -	19,000	------	20,000	23,700	12,300	15,600	19,300	30,000	18,000	------
EXPLORATION, FORECASTING, AND REPORTING - - -	13,800	------	13,400	13,900	------	14,400	14,800	------	------	------
OTHER -	12,500	------	15,000	13,000	10,600	11,000	13,000	14,000	------	------
NO REPORT - - - - - - - - - - - - - - - - - -	16,800	14,100	18,000	17,400	12,000	16,500	17,300	------	------	------
PSYCHOLOGY - - - - - - - - - - - - - -	15,000	13,000	16,000	18,000	14,500	16,000	19,600	25,000	16,000	17,000
RESEARCH AND DEVELOPMENT (A) - - - - - - - - -	14,700	13,700	16,000	17,000	13,500	15,500	17,500	19,500	12,700	------
BASIC RESEARCH - - - - - - - - - - - - - - -	15,000	13,500	16,100	16,900	15,000	16,600	17,500	------	------	------
APPLIED RESEARCH - - - - - - - - - - - - -	14,400	13,800	15,200	17,300	13,000	15,000	17,400	18,000	12,900	------
MANAGEMENT OR ADMINISTRATION (B) - - - - - -	18,500	16,500	19,000	21,000	16,500	18,500	22,000	------	19,000	------
MANAGEMENT OR ADMINISTRATION OF RESEARCH AND DEVELOPMENT - - - - - - -	20,000	16,000	19,000	22,300	17,000	21,000	22,500	------	------	------
TEACHING - - - - - - - - - - - - - - - - - -	13,000	12,500	15,000	------	14,200	15,000	------	------	------	------
PRODUCTION AND INSPECTION - - - - - - - - - -	------	------	------	------	------	------	------	------	------	------
CONSULTING - - - - - - - - - - - - - - - - -	15,000	12,500	14,000	17,300	13,800	14,000	18,000	25,000	17,500	18,000
EXPLORATION, FORECASTING, AND REPORTING - - -	15,500	------	------	------	------	------	------	------	------	------
OTHER -	15,100	------	15,800	------	13,900	------	16,000	------	------	------
NO REPORT - - - - - - - - - - - - - - - - - -	15,500	13,600	16,000	------	14,000	15,100	19,000	------	------	------
STATISTICS - - - - - - - - - - - - - -	16,900	13,500	16,500	19,000	15,100	16,500	17,400	------	------	------
RESEARCH AND DEVELOPMENT (A) - - - - - - - - -	16,700	14,800	16,000	17,400	14,000	16,000	17,200	------	------	------
BASIC RESEARCH - - - - - - - - - - - - - - -	16,000	15,000	16,000	------	------	------	------	------	------	------
APPLIED RESEARCH - - - - - - - - - - - - -	16,800	------	16,000	17,900	14,000	16,000	17,200	------	------	------
MANAGEMENT OR ADMINISTRATION (B) - - - - - -	21,000	------	21,600	22,000	17,000	21,500	21,000	------	------	------
MANAGEMENT OR ADMINISTRATION OF RESEARCH AND DEVELOPMENT - - - - - - -	21,600	------	20,000	23,000	17,000	------	22,000	------	------	------
TEACHING - - - - - - - - - - - - - - - - - -	14,000	13,300	16,500	------	------	------	------	------	------	------
PRODUCTION AND INSPECTION - - - - - - - - - -	15,500	------	------	16,900	------	------	15,000	------	------	------
CONSULTING - - - - - - - - - - - - - - - - -	17,000	------	16,000	18,500	------	------	17,200	------	------	------
EXPLORATION, FORECASTING, AND REPORTING - - -	15,000	------	------	17,300	13,500	------	14,600	------	------	------
OTHER -	15,000	------	------	16,900	------	------	------	------	------	------
NO REPORT - - - - - - - - - - - - - - - - - -	17,000	------	------	------	------	------	------	------	------	------
ECONOMICS - - - - - - - - - - - - - -	16,300	13,800	18,000	20,000	17,400	20,000	20,000	20,000	17,000	------
RESEARCH AND DEVELOPMENT (A) - - - - - - - - -	16,500	15,000	16,500	17,000	16,400	18,500	18,000	------	------	------
BASIC RESEARCH - - - - - - - - - - - - - - -	15,800	15,000	18,300	15,800	16,000	16,800	15,000	------	------	------
APPLIED RESEARCH - - - - - - - - - - - - -	15,800	15,000	16,300	17,300	16,900	18,500	18,000	------	------	------
MANAGEMENT OR ADMINISTRATION (B) - - - - - -	22,000	18,200	21,500	23,000	22,000	25,000	23,400	------	------	------
MANAGEMENT OR ADMINISTRATION OF RESEARCH AND DEVELOPMENT - - - - - - -	22,500	19,000	21,000	23,000	22,000	26,000	23,500	------	------	------
TEACHING - - - - - - - - - - - - - - - - - -	13,900	13,500	16,000	------	------	------	------	------	------	------
PRODUCTION AND INSPECTION - - - - - - - - - -	16,100	------	------	------	------	------	16,200	------	------	------
CONSULTING - - - - - - - - - - - - - - - - -	20,000	------	------	22,000	------	------	21,000	22,000	------	------
EXPLORATION, FORECASTING, AND REPORTING - - -	17,000	------	------	16,900	15,200	------	17,800	------	------	------
OTHER -	19,000	------	18,500	20,000	16,400	------	18,900	------	------	------
NO REPORT - - - - - - - - - - - - - - - - - -	16,500	14,500	17,500	21,000	------	------	16,000	------	------	------

TABLE A-17B. MEDIAN ANNUAL SALARIES OF SCIENTISTS, BY FIELD, PRIMARY WORK ACTIVITY, AND TYPE OF EMPLOYER, 1970--CONTINUED

SCIENTIFIC AND TECHNICAL FIELD AND PRIMARY WORK ACTIVITY	TOTAL	TYPE OF EMPLOYER								NO REPORT OF TYPE OF EMPLOYER
		EDUCATIONAL INSTITUTIONS		FEDERAL GOVERN-MENT	OTHER GOVERN-MENT	NONPROFIT ORGANIZA-TIONS	INDUSTRY AND BUSINESS	SELF-EMPLOYED	OTHER	
		ACADEMIC YEAR	CALENDAR YEAR							
SOCIOLOGY	13,300	12,700	15,300	18,400	17,100	16,700	16,700	------	15,300	------
RESEARCH AND DEVELOPMENT (A)	14,000	13,500	15,000	17,000	12,300	16,100	16,300	------	------	------
BASIC RESEARCH	16,000	13,700	16,900	17,400	------	16,000	------	------	------	------
APPLIED RESEARCH	16,100	12,400	15,400	17,000	11,900	16,100	16,300	------	------	------
MANAGEMENT OR ADMINISTRATION (B)	17,400	17,200	18,000	21,400	16,200	16,000	20,300	------	------	------
MANAGEMENT OR ADMINISTRATION OF RESEARCH AND DEVELOPMENT	18,300	16,000	18,300	22,300	15,300	18,000	20,900	------	------	------
TEACHING	12,000	12,000	13,400	------	------	------	------	------	------	------
PRODUCTION AND INSPECTION	------	------	------	------	------	------	------	------	------	------
CONSULTING	9,100	------	------	------	------	------	------	------	------	------
EXPLORATION, FORECASTING, AND REPORTING	11,700	------	------	------	------	------	------	------	------	------
OTHER	11,900	------	------	------	10,300	------	------	------	------	------
NO REPORT	16,000	12,900	------	------	------	------	------	------	------	------
POLITICAL SCIENCE	13,100	12,000	15,900	18,900	15,400	16,000	17,700	------	13,800	------
RESEARCH AND DEVELOPMENT (A)	13,500	12,900	14,300	13,400	12,900	16,000	------	------	------	------
BASIC RESEARCH	12,800	12,700	13,500	------	------	------	------	------	------	------
APPLIED RESEARCH	14,000	11,900	15,300	------	------	15,000	------	------	------	------
MANAGEMENT OR ADMINISTRATION (B)	19,900	16,000	20,100	21,400	17,300	21,000	21,300	------	------	------
MANAGEMENT OR ADMINISTRATION OF RESEARCH AND DEVELOPMENT	20,000	------	19,500	23,700	16,500	22,000	------	------	------	------
TEACHING	12,000	12,000	13,300	------	------	------	------	------	------	------
PRODUCTION AND INSPECTION	------	------	------	------	------	------	------	------	------	------
CONSULTING	18,900	------	------	------	------	------	------	------	------	------
EXPLORATION, FORECASTING, AND REPORTING	13,900	------	------	16,200	------	------	------	------	------	------
OTHER	16,000	------	------	18,500	------	------	------	------	------	------
NO REPORT	15,000	11,500	15,300	------	------	------	------	------	------	------
ANTHROPOLOGY	14,700	14,000	15,500	19,800	------	17,000	------	------	15,000	------
RESEARCH AND DEVELOPMENT (A)	16,000	15,000	17,300	------	------	------	------	------	------	------
BASIC RESEARCH	16,000	15,000	17,300	------	------	------	------	------	------	------
APPLIED RESEARCH	16,000	------	------	------	------	------	------	------	------	------
MANAGEMENT OR ADMINISTRATION (B)	19,900	18,500	21,000	------	------	------	------	------	------	------
MANAGEMENT OR ADMINISTRATION OF RESEARCH AND DEVELOPMENT	20,000	------	------	------	------	------	------	------	------	------
TEACHING	13,500	13,500	13,900	------	------	------	------	------	------	------
PRODUCTION AND INSPECTION	------	------	------	------	------	------	------	------	------	------
CONSULTING	------	------	------	------	------	------	------	------	------	------
EXPLORATION, FORECASTING, AND REPORTING	15,000	------	------	------	------	------	------	------	------	------
OTHER	------	------	------	------	------	------	------	------	------	------
NO REPORT	------	------	------	------	------	------	------	------	------	------
LINGUISTICS	12,900	12,900	13,000	15,600	------	10,000	18,000	------	------	------
RESEARCH AND DEVELOPMENT (A)	12,500	12,900	12,500	------	------	8,400	------	------	------	------
BASIC RESEARCH	12,900	13,000	12,500	------	------	------	------	------	------	------
APPLIED RESEARCH	12,500	------	------	------	------	------	------	------	------	------
MANAGEMENT OR ADMINISTRATION (B)	17,900	16,000	19,300	------	------	------	------	------	------	------
MANAGEMENT OR ADMINISTRATION OF RESEARCH AND DEVELOPMENT	20,000	------	------	------	------	------	------	------	------	------
TEACHING	12,000	12,000	12,300	------	------	------	------	------	------	------
PRODUCTION AND INSPECTION	------	------	------	------	------	------	------	------	------	------
CONSULTING	------	------	------	------	------	------	------	------	------	------
EXPLORATION, FORECASTING, AND REPORTING	12,500	------	------	------	------	------	------	------	------	------
OTHER	12,000	------	------	------	------	------	------	------	------	------
NO REPORT	15,000	------	------	------	------	------	------	------	------	------

(A)INCLUDES DEVELOPMENT OR DESIGN.
(B)INCLUDES MANAGEMENT OR ADMINISTRATION OF OTHER THAN RESEARCH AND DEVELOPMENT.

NOTE - ALL MEDIAN SALARIES WERE COMPUTED ONLY FOR FULL-TIME EMPLOYED CIVILIAN SCIENTISTS. NO MEDIAN WAS COMPUTED FOR GROUPS WITH FEWER THAN 25 REGISTRANTS REPORTING SALARY.

SOURCE - NATIONAL REGISTER OF SCIENTIFIC AND TECHNICAL PERSONNEL, 1970.

TABLE B-17B. MEDIAN ANNUAL SALARIES OF DOCTORATE SCIENTISTS,
BY FIELD, PRIMARY WORK ACTIVITY, AND TYPE OF EMPLOYER, 1970

SCIENTIFIC AND TECHNICAL FIELD AND PRIMARY WORK ACTIVITY	TOTAL	TYPE OF EMPLOYER								NO REPORT OF TYPE OF EMPLOYER
		EDUCATIONAL INSTITUTIONS		FEDERAL GOVERN-MENT	OTHER GOVERN-MENT	NONPROFIT ORGANIZA-TIONS	INDUSTRY AND BUSINESS	SELF-EMPLOYED	OTHER	
		ACADEMIC YEAR	CALENDAR YEAR							
ALL FIELDS	16,900	15,900	16,400	18,400	16,900	18,000	19,900	25,000	16,600	17,900
RESEARCH AND DEVELOPMENT (R)	16,900	14,000	15,300	17,900	15,600	17,000	17,800	18,000	16,700	15,600
BASIC RESEARCH	15,600	13,800	14,400	17,800	15,900	16,000	17,800	19,500	12,000	15,000
APPLIED RESEARCH	17,900	14,900	16,700	17,400	15,800	18,000	17,900	20,000	16,700	------
MANAGEMENT OR ADMINISTRATION (R)	22,000	16,000	21,500	23,500	18,500	22,000	24,000	25,000	20,000	21,000
MANAGEMENT OR ADMINISTRATION OF RESEARCH AND DEVELOPMENT	22,900	18,500	21,400	23,700	19,700	23,000	23,100	26,000	19,500	------
TEACHING	13,800	13,000	19,300	17,500	15,000	16,000	16,500	------	14,500	15,300
PRODUCTION AND INSPECTION	18,000	------	------	18,900	------	19,400	19,200	------	------	------
CONSULTING	17,600	13,500	16,400	17,900	15,300	18,600	22,300	25,000	16,500	24,000
EXPLORATION, FORECASTING, AND REPORTING	17,900	14,800	15,600	19,000	18,300	19,000	18,300	------	15,000	------
OTHER	18,000	16,900	18,900	21,000	16,400	18,000	22,000	20,000	------	------
NO REPORT	17,000	14,000	17,000	19,400	17,300	17,000	20,300	21,000	------	20,000
CHEMISTRY	17,400	12,900	16,900	19,100	17,300	17,400	19,000	22,000	17,600	16,900
RESEARCH AND DEVELOPMENT (R)	16,400	13,700	12,300	17,800	16,800	16,700	17,700	------	16,600	15,100
BASIC RESEARCH	16,000	13,700	10,600	17,700	16,900	15,900	17,300	------	14,800	------
APPLIED RESEARCH	17,200	------	16,000	17,900	16,700	16,500	17,200	------	17,400	------
MANAGEMENT OR ADMINISTRATION (R)	22,900	17,000	21,700	23,700	20,300	21,600	23,000	22,000	20,600	------
MANAGEMENT OR ADMINISTRATION OF RESEARCH AND DEVELOPMENT	22,900	------	22,300	23,700	20,900	22,100	22,900	24,000	------	------
TEACHING	13,000	12,600	15,300	------	------	------	------	------	------	------
PRODUCTION AND INSPECTION	18,100	------	------	------	------	18,400	18,200	------	------	------
CONSULTING	20,000	------	------	------	------	------	20,300	20,700	------	------
EXPLORATION, FORECASTING, AND REPORTING	18,800	------	------	------	------	15,400	17,900	------	------	------
OTHER	19,200	------	------	------	------	16,800	19,800	------	------	------
NO REPORT	18,000	13,500	16,000	18,500	------	------	19,500	------	------	------
EARTH & MARINE SCIENCES	15,600	13,900	16,900	18,500	16,900	16,400	18,500	23,000	------	------
RESEARCH AND DEVELOPMENT (R)	16,000	14,500	16,800	17,800	16,800	15,700	17,100	------	------	------
BASIC RESEARCH	15,800	14,000	16,700	17,800	13,500	15,500	17,200	------	------	------
APPLIED RESEARCH	16,900	------	15,400	18,900	16,500	------	17,000	------	------	------
MANAGEMENT OR ADMINISTRATION (R)	21,900	18,100	21,700	23,000	16,900	21,000	23,000	------	------	------
MANAGEMENT OR ADMINISTRATION OF RESEARCH AND DEVELOPMENT	22,000	------	22,800	23,000	------	------	22,000	------	------	------
TEACHING	13,900	13,000	15,700	------	------	------	------	------	------	------
PRODUCTION AND INSPECTION	17,200	------	------	------	------	------	17,200	------	------	------
CONSULTING	20,000	------	------	------	------	------	19,200	------	------	------
EXPLORATION, FORECASTING, AND REPORTING	17,900	------	------	19,700	------	------	17,400	------	------	------
OTHER	------	------	------	------	------	------	------	------	------	------
NO REPORT	15,600	13,000	------	------	------	------	------	------	------	------
ATMOSPHERIC & SPACE SCIENCES	17,600	14,800	17,200	21,000	------	------	22,900	------	------	------
RESEARCH AND DEVELOPMENT (R)	17,000	14,000	15,400	17,900	------	------	------	------	------	------
BASIC RESEARCH	16,900	13,600	14,700	17,900	------	------	------	------	------	------
APPLIED RESEARCH	17,500	------	16,500	17,900	------	------	------	------	------	------
MANAGEMENT OR ADMINISTRATION (R)	25,000	------	------	27,000	------	------	------	------	------	------
MANAGEMENT OR ADMINISTRATION OF RESEARCH AND DEVELOPMENT	25,000	------	------	27,300	------	------	------	------	------	------
TEACHING	15,000	14,200	17,300	------	------	------	------	------	------	------
PRODUCTION AND INSPECTION	------	------	------	------	------	------	------	------	------	------
CONSULTING	------	------	------	------	------	------	------	------	------	------
EXPLORATION, FORECASTING, AND REPORTING	------	------	------	------	------	------	------	------	------	------
OTHER	------	------	------	------	------	------	------	------	------	------
NO REPORT	------	------	------	------	------	------	------	------	------	------
PHYSICS	17,900	13,900	16,900	18,800	16,400	19,200	20,000	23,000	8,100	------
RESEARCH AND DEVELOPMENT (R)	17,300	14,000	12,000	17,500	------	18,000	18,900	13,500	7,800	------
BASIC RESEARCH	16,700	13,800	12,300	17,400	------	17,200	19,000	------	7,500	------
APPLIED RESEARCH	18,700	15,900	16,100	18,000	------	18,900	19,000	------	------	------
MANAGEMENT OR ADMINISTRATION (R)	25,000	19,000	23,600	26,000	------	24,500	26,200	------	------	------
MANAGEMENT OR ADMINISTRATION OF RESEARCH AND DEVELOPMENT	25,500	21,200	26,300	26,000	------	26,800	26,000	------	------	------
TEACHING	13,600	13,100	16,900	------	------	------	------	------	------	------
PRODUCTION AND INSPECTION	20,700	------	------	------	------	------	20,700	------	------	------
CONSULTING	21,600	------	------	------	------	------	22,300	------	------	------
EXPLORATION, FORECASTING, AND REPORTING	16,500	------	------	------	------	------	17,600	------	------	------
OTHER	20,100	------	------	------	------	------	------	------	------	------
NO REPORT	17,600	14,000	15,300	18,500	------	------	25,600	------	------	------
MATHEMATICS	14,700	13,200	16,900	21,600	17,900	21,300	21,500	------	------	------
RESEARCH AND DEVELOPMENT (R)	16,300	13,300	14,000	23,600	------	19,000	19,700	------	------	------
BASIC RESEARCH	13,600	13,300	13,900	19,800	------	17,600	21,500	------	------	------
APPLIED RESEARCH	19,300	14,300	18,900	23,600	------	20,900	19,700	------	------	------
MANAGEMENT OR ADMINISTRATION (R)	22,900	18,300	22,300	25,700	------	25,000	24,300	------	------	------
MANAGEMENT OR ADMINISTRATION OF RESEARCH AND DEVELOPMENT	24,800	------	22,500	27,700	------	25,000	26,300	------	------	------
TEACHING	13,900	13,000	15,300	------	------	------	------	------	------	------
PRODUCTION AND INSPECTION	------	------	------	------	------	------	------	------	------	------
CONSULTING	21,500	------	------	------	------	------	21,700	------	------	------
EXPLORATION, FORECASTING, AND REPORTING	18,000	------	------	------	------	------	------	------	------	------
OTHER	20,000	------	------	------	------	------	------	------	------	------
NO REPORT	15,500	13,500	------	------	------	------	------	------	------	------

TABLE A-17B. MEDIAN ANNUAL SALARIES OF DOCTORATE SCIENTISTS, BY FIELD, PRIMARY WORK ACTIVITY, AND TYPE OF EMPLOYER, 1970--CONTINUED

SCIENTIFIC AND TECHNICAL FIELD AND PRIMARY WORK ACTIVITY	TOTAL	TYPE OF EMPLOYER								NO REPORT OF TYPE OF EMPLOYER
		EDUCATIONAL INSTITUTIONS		FEDERAL GOVERN-MENT	OTHER GOVERN-MENT	NONPROFIT ORGANIZA-TIONS	INDUSTRY AND BUSINESS	SELF-EMPLOYED	OTHER	
		ACADEMIC YEAR	CALENDAR YEAR							
COMPUTER SCIENCES	19,700	15,000	19,000	21,000	------	21,600	27,200	------	------	------
RESEARCH AND DEVELOPMENT (A)	19,100	14,700	18,500	------	------	19,000	20,000	------	------	------
BASIC RESEARCH	18,400	------	------	------	------	------	19,900	------	------	------
APPLIED RESEARCH	19,400	------	------	------	------	------	20,000	------	------	------
MANAGEMENT OR ADMINISTRATION (B)	25,000	------	25,000	------	------	------	26,200	------	------	------
MANAGEMENT OR ADMINISTRATION OF RESEARCH AND DEVELOPMENT	25,000	------	------	------	------	------	25,000	------	------	------
TEACHING	15,500	14,400	17,200	------	------	------	------	------	------	------
PRODUCTION AND INSPECTION	------	------	------	------	------	------	------	------	------	------
CONSULTING	20,400	------	------	------	------	------	21,100	------	------	------
EXPLORATION, FORECASTING, AND REPORTING	------	------	------	------	------	------	------	------	------	------
OTHER	------	------	------	------	------	------	------	------	------	------
NO REPORT	------	------	------	------	------	------	------	------	------	------
AGRICULTURAL SCIENCES	16,300	12,900	16,200	17,400	15,000	18,000	17,500	------	------	------
RESEARCH AND DEVELOPMENT (A)	15,900	------	15,400	16,300	14,600	------	15,000	------	------	------
BASIC RESEARCH	15,200	------	15,000	15,600	------	------	------	------	------	------
APPLIED RESEARCH	15,600	------	15,500	16,500	15,000	------	15,000	------	------	------
MANAGEMENT OR ADMINISTRATION (B)	20,100	------	20,500	20,400	17,900	20,000	19,000	------	------	------
MANAGEMENT OR ADMINISTRATION OF RESEARCH AND DEVELOPMENT	20,400	------	21,900	20,400	------	------	19,300	------	------	------
TEACHING	15,000	12,200	15,800	------	------	------	------	------	------	------
PRODUCTION AND INSPECTION	------	------	------	------	------	------	------	------	------	------
CONSULTING	------	------	------	------	------	------	------	------	------	------
EXPLORATION, FORECASTING, AND REPORTING	------	------	------	------	------	------	------	------	------	------
OTHER	15,200	------	16,800	------	------	------	------	------	------	------
NO REPORT	17,300	------	16,500	------	------	------	------	------	------	------
BIOLOGICAL SCIENCES	16,000	13,000	16,500	17,400	16,000	16,900	19,000	27,000	15,900	16,400
RESEARCH AND DEVELOPMENT (A)	15,800	14,100	15,500	16,300	15,000	16,000	17,400	------	14,000	14,300
BASIC RESEARCH	15,500	14,000	15,400	16,400	15,000	15,600	17,900	------	12,900	14,000
APPLIED RESEARCH	16,300	14,200	16,000	16,300	15,600	16,500	17,300	------	------	------
MANAGEMENT OR ADMINISTRATION (B)	21,600	18,000	22,300	22,700	18,000	21,900	22,000	------	20,000	------
MANAGEMENT OR ADMINISTRATION OF RESEARCH AND DEVELOPMENT	22,000	18,400	22,000	22,700	19,900	22,000	22,000	------	------	------
TEACHING	14,000	12,600	16,500	------	------	------	------	------	------	------
PRODUCTION AND INSPECTION	------	------	------	------	------	------	------	------	------	------
CONSULTING	19,000	------	16,800	------	------	17,000	------	35,000	------	------
EXPLORATION, FORECASTING, AND REPORTING	15,800	------	------	------	------	------	------	------	------	------
OTHER	16,600	------	17,000	18,400	------	------	17,000	------	------	------
NO REPORT	17,200	14,400	19,000	20,300	------	16,000	19,000	------	------	------
PSYCHOLOGY	16,000	13,500	16,600	18,400	15,600	17,300	21,500	25,000	17,600	18,000
RESEARCH AND DEVELOPMENT (A)	16,000	14,000	16,500	17,400	15,000	17,300	19,700	20,000	------	------
BASIC RESEARCH	15,000	13,500	16,500	17,300	15,300	17,500	18,000	------	------	------
APPLIED RESEARCH	16,500	14,500	16,500	17,800	15,000	17,300	19,700	20,000	------	------
MANAGEMENT OR ADMINISTRATION (B)	19,700	17,000	20,000	21,700	17,600	20,000	25,000	------	19,600	------
MANAGEMENT OR ADMINISTRATION OF RESEARCH AND DEVELOPMENT	21,000	16,000	20,300	23,700	17,600	22,000	24,500	------	------	------
TEACHING	13,700	13,000	15,500	------	16,700	------	------	------	------	------
PRODUCTION AND INSPECTION	------	------	------	------	------	------	------	------	------	------
CONSULTING	16,500	13,200	14,500	17,400	16,900	16,000	20,000	25,000	17,500	24,000
EXPLORATION, FORECASTING, AND REPORTING	17,000	------	------	------	------	------	------	------	------	------
OTHER	16,500	------	16,500	------	------	------	------	------	------	------
NO REPORT	16,700	14,200	16,000	------	------	------	------	------	------	------
STATISTICS	17,400	16,000	18,000	21,700	------	21,000	20,300	------	------	------
RESEARCH AND DEVELOPMENT (A)	18,000	15,000	17,100	18,000	------	------	19,200	------	------	------
BASIC RESEARCH	17,000	17,000	------	------	------	------	------	------	------	------
APPLIED RESEARCH	18,200	------	17,800	------	------	------	19,500	------	------	------
MANAGEMENT OR ADMINISTRATION (B)	24,400	------	22,400	26,000	------	------	25,000	------	------	------
MANAGEMENT OR ADMINISTRATION OF RESEARCH AND DEVELOPMENT	25,000	------	------	26,000	------	------	------	------	------	------
TEACHING	14,500	13,700	16,500	------	------	------	------	------	------	------
PRODUCTION AND INSPECTION	------	------	------	------	------	------	------	------	------	------
CONSULTING	18,000	------	17,400	------	------	------	18,000	------	------	------
EXPLORATION, FORECASTING, AND REPORTING	------	------	------	------	------	------	------	------	------	------
OTHER	------	------	------	------	------	------	------	------	------	------
NO REPORT	------	------	------	------	------	------	------	------	------	------
ECONOMICS	17,600	15,000	18,800	22,200	21,500	22,000	25,000	22,000	------	------
RESEARCH AND DEVELOPMENT (A)	17,600	15,200	17,000	18,500	18,300	20,900	21,000	------	------	------
BASIC RESEARCH	16,500	15,300	18,500	18,500	------	19,200	------	------	------	------
APPLIED RESEARCH	18,000	15,100	16,800	18,500	19,000	21,000	20,300	------	------	------
MANAGEMENT OR ADMINISTRATION (B)	23,600	18,500	22,700	25,000	27,000	27,000	24,500	------	------	------
MANAGEMENT OR ADMINISTRATION OF RESEARCH AND DEVELOPMENT	24,000	19,000	22,000	24,000	25,000	27,000	27,000	------	------	------
TEACHING	15,000	14,800	17,200	------	------	------	------	------	------	------
PRODUCTION AND INSPECTION	19,000	------	------	------	------	------	------	------	------	------
CONSULTING	23,800	------	------	------	------	------	25,000	------	------	------
EXPLORATION, FORECASTING, AND REPORTING	21,600	------	------	------	------	------	24,500	------	------	------
OTHER	22,900	------	------	24,900	------	------	------	------	------	------
NO REPORT	19,000	16,000	------	------	------	------	------	------	------	------

TABLE A-17B. MEDIAN ANNUAL SALARIES OF DOCTORATE SCIENTISTS, BY FIELD, PRIMARY WORK ACTIVITY, AND TYPE OF EMPLOYER, 1970--CONTINUED

SCIENTIFIC AND TECHNICAL FIELD AND PRIMARY WORK ACTIVITY	TOTAL	TYPE OF EMPLOYER								NO REPORT OF TYPE OF EMPLOYER
		EDUCATIONAL INSTITUTIONS		FEDERAL GOVERNMENT	OTHER GOVERNMENT	NONPROFIT ORGANIZATIONS	INDUSTRY AND BUSINESS	SELF-EMPLOYED	OTHER	
		ACADEMIC YEAR	CALENDAR YEAR							
SOCIOLOGY	15,300	14,000	17,300	22,900	17,300	18,500	23,500	------	------	------
RESEARCH AND DEVELOPMENT (A)	16,000	14,000	16,300	20,300	------	19,100	------	------	------	------
BASIC RESEARCH	15,900	14,000	16,300	------	------	------	------	------	------	------
APPLIED RESEARCH	17,000	13,800	16,500	------	------	17,500	------	------	------	------
MANAGEMENT OR ADMINISTRATION (B)	19,500	18,300	19,500	24,700	18,400	20,000	------	------	------	------
MANAGEMENT OR ADMINISTRATION OF RESEARCH AND DEVELOPMENT	20,000	18,000	18,400	24,000	------	20,000	------	------	------	------
TEACHING	14,000	13,600	15,000	------	------	------	------	------	------	------
PRODUCTION AND INSPECTION	------	------	------	------	------	------	------	------	------	------
CONSULTING	------	------	------	------	------	------	------	------	------	------
EXPLORATION, FORECASTING, AND REPORTING	------	------	------	------	------	------	------	------	------	------
OTHER	18,200	------	------	------	------	------	------	------	------	------
NO REPORT	16,700	12,500	------	------	------	------	------	------	------	------
POLITICAL SCIENCE	14,900	13,000	17,100	23,000	20,800	22,000	21,000	------	------	------
RESEARCH AND DEVELOPMENT (A)	14,900	13,000	16,500	------	------	18,900	------	------	------	------
BASIC RESEARCH	14,000	13,900	16,400	------	------	------	------	------	------	------
APPLIED RESEARCH	16,000	------	------	------	------	------	------	------	------	------
MANAGEMENT OR ADMINISTRATION (B)	21,200	17,900	21,500	26,000	23,000	24,000	------	------	------	------
MANAGEMENT OR ADMINISTRATION OF RESEARCH AND DEVELOPMENT	22,300	------	21,300	------	------	25,000	------	------	------	------
TEACHING	13,000	13,000	14,200	------	------	------	------	------	------	------
PRODUCTION AND INSPECTION	------	------	------	------	------	------	------	------	------	------
CONSULTING	22,400	------	------	------	------	------	------	------	------	------
EXPLORATION, FORECASTING, AND REPORTING	19,700	------	------	------	------	------	------	------	------	------
OTHER	21,000	------	------	------	------	------	------	------	------	------
NO REPORT	17,000	13,500	------	------	------	------	------	------	------	------
ANTHROPOLOGY	14,900	14,000	15,500	------	------	17,000	------	------	15,000	------
RESEARCH AND DEVELOPMENT (A)	16,000	15,000	17,300	------	------	------	------	------	------	------
BASIC RESEARCH	16,300	15,000	17,900	------	------	------	------	------	------	------
APPLIED RESEARCH	16,400	------	------	------	------	------	------	------	------	------
MANAGEMENT OR ADMINISTRATION (B)	19,900	18,900	21,300	------	------	------	------	------	------	------
MANAGEMENT OR ADMINISTRATION OF RESEARCH AND DEVELOPMENT	20,000	------	------	------	------	------	------	------	------	------
TEACHING	13,900	13,500	13,800	------	------	------	------	------	------	------
PRODUCTION AND INSPECTION	------	------	------	------	------	------	------	------	------	------
CONSULTING	------	------	------	------	------	------	------	------	------	------
EXPLORATION, FORECASTING, AND REPORTING	------	------	------	------	------	------	------	------	------	------
OTHER	------	------	------	------	------	------	------	------	------	------
NO REPORT	------	------	------	------	------	------	------	------	------	------
LINGUISTICS	13,500	13,000	16,200	------	------	13,000	------	------	------	------
RESEARCH AND DEVELOPMENT (A)	13,400	13,000	16,000	------	------	------	------	------	------	------
BASIC RESEARCH	13,400	13,100	------	------	------	------	------	------	------	------
APPLIED RESEARCH	14,000	------	------	------	------	------	------	------	------	------
MANAGEMENT OR ADMINISTRATION (B)	18,400	16,900	20,300	------	------	------	------	------	------	------
MANAGEMENT OR ADMINISTRATION OF RESEARCH AND DEVELOPMENT	21,300	------	------	------	------	------	------	------	------	------
TEACHING	12,900	13,000	13,300	------	------	------	------	------	------	------
PRODUCTION AND INSPECTION	------	------	------	------	------	------	------	------	------	------
CONSULTING	------	------	------	------	------	------	------	------	------	------
EXPLORATION, FORECASTING, AND REPORTING	------	------	------	------	------	------	------	------	------	------
OTHER	------	------	------	------	------	------	------	------	------	------
NO REPORT	15,600	------	------	------	------	------	------	------	------	------

(A) INCLUDES DEVELOPMENT OR DESIGN.
(B) INCLUDES MANAGEMENT OR ADMINISTRATION OF OTHER THAN RESEARCH AND DEVELOPMENT.

NOTE - ALL MEDIAN SALARIES WERE COMPUTED ONLY FOR FULL-TIME EMPLOYED CIVILIAN SCIENTISTS. NO MEDIAN WAS COMPUTED FOR GROUPS WITH FEWER THAN 25 REGISTRANTS REPORTING SALARY.

SOURCE - NATIONAL REGISTER OF SCIENTIFIC AND TECHNICAL PERSONNEL, 1970.

TABLE A-17C. MEDIAN ANNUAL SALARIES OF MASTER'S DEGREE SCIENTISTS, BY FIELD, PRIMARY WORK ACTIVITY, AND TYPE OF EMPLOYER, 1970

SCIENTIFIC AND TECHNICAL FIELD AND PRIMARY WORK ACTIVITY	TOTAL	TYPE OF EMPLOYER								NO REPORT OF TYPE OF EMPLOYER
		EDUCATIONAL INSTITUTIONS		FEDERAL GOVERN-MENT	OTHER GOVERN-MENT	NONPROFIT ORGANIZA-TIONS	INDUSTRY AND BUSINESS	SELF-EMPLOYED	OTHER	
		ACADEMIC YEAR	CALENDAR YEAR							
ALL FIELDS	13,500	10,200	11,700	15,400	12,900	14,700	16,100	18,000	13,500	13,500
RESEARCH AND DEVELOPMENT (X)	14,900	11,000	10,300	15,000	11,400	13,400	14,400	16,000	12,400	13,900
BASIC RESEARCH	11,400	8,100	7,200	14,700	10,400	11,900	13,400	------	11,300	------
APPLIED RESEARCH	14,700	12,400	12,300	15,300	11,900	14,700	15,300	15,900	13,900	------
MANAGEMENT OR ADMINISTRATION (X)	18,000	13,900	15,000	18,900	13,800	17,000	20,200	16,000	16,900	15,500
MANAGEMENT OR ADMINISTRATION OF RESEARCH AND DEVELOPMENT	19,300	12,900	15,300	20,300	15,700	18,900	20,300	23,000	17,800	------
TEACHING	10,900	10,100	11,200	18,100	11,300	11,000	14,400	------	9,700	11,000
PRODUCTION AND INSPECTION	14,900	------	------	16,900	11,300	13,900	14,700	15,000	14,100	------
CONSULTING	15,000	11,900	12,900	16,900	12,100	12,000	17,800	20,300	17,900	------
EXPLORATION, FORECASTING, AND REPORTING	14,400	------	12,300	15,000	12,300	13,900	14,700	15,000	13,000	------
OTHER	14,200	10,300	12,300	16,900	12,300	14,000	15,200	13,000	13,300	------
NO REPORT	14,000	10,900	12,900	15,700	12,400	13,700	16,500	------	------	------
CHEMISTRY	14,000	10,200	9,900	16,400	12,100	14,000	15,400	14,000	15,000	14,500
RESEARCH AND DEVELOPMENT (X)	13,400	9,900	8,700	15,200	12,000	12,900	14,200	------	13,800	------
BASIC RESEARCH	11,900	9,000	7,400	15,000	11,300	11,700	13,100	------	------	------
APPLIED RESEARCH	14,100	------	13,200	15,600	------	14,000	14,100	------	------	------
MANAGEMENT OR ADMINISTRATION (X)	19,200	------	15,700	20,900	15,000	18,000	19,700	20,000	18,300	------
MANAGEMENT OR ADMINISTRATION OF RESEARCH AND DEVELOPMENT	19,100	------	------	21,300	15,000	19,000	19,300	------	------	------
TEACHING	10,900	10,400	11,700	------	------	------	------	------	------	------
PRODUCTION AND INSPECTION	14,900	------	------	14,900	11,000	12,600	14,900	------	14,100	------
CONSULTING	18,000	------	------	------	------	------	18,300	25,800	------	------
EXPLORATION, FORECASTING, AND REPORTING	14,000	------	------	14,700	------	11,000	14,600	------	------	------
OTHER	15,000	------	------	15,400	------	------	15,400	------	15,200	------
NO REPORT	14,700	------	------	------	------	------	15,400	------	------	------
EARTH & MARINE SCIENCES	14,700	10,000	11,900	15,400	12,900	13,500	15,400	15,400	13,500	------
RESEARCH AND DEVELOPMENT (X)	14,000	------	11,000	15,200	11,400	14,000	14,400	------	------	------
BASIC RESEARCH	13,400	------	9,500	15,400	11,000	------	13,500	------	------	------
APPLIED RESEARCH	14,400	------	13,000	15,100	12,000	------	14,800	------	------	------
MANAGEMENT OR ADMINISTRATION (X)	19,000	------	14,900	18,900	15,700	------	20,000	------	------	------
MANAGEMENT OR ADMINISTRATION OF RESEARCH AND DEVELOPMENT	19,000	------	------	19,400	15,900	------	20,100	------	------	------
TEACHING	10,700	10,000	11,700	------	------	------	------	------	------	------
PRODUCTION AND INSPECTION	13,800	------	------	13,100	------	------	14,300	------	------	------
CONSULTING	15,000	------	------	------	------	------	14,500	18,000	------	------
EXPLORATION, FORECASTING, AND REPORTING	14,700	------	------	14,400	12,300	------	15,300	15,000	------	------
OTHER	13,500	------	------	------	------	------	14,500	------	------	------
NO REPORT	14,100	------	------	14,700	------	------	16,200	------	------	------
ATMOSPHERIC & SPACE SCIENCES	15,800	10,600	12,300	16,900	14,000	16,500	16,900	------	------	------
RESEARCH AND DEVELOPMENT (X)	15,900	------	9,100	15,800	------	------	16,900	------	------	------
BASIC RESEARCH	13,500	------	------	15,800	------	------	------	------	------	------
APPLIED RESEARCH	15,400	------	------	15,900	------	------	16,800	------	------	------
MANAGEMENT OR ADMINISTRATION (X)	19,400	------	------	20,300	------	------	18,600	------	------	------
MANAGEMENT OR ADMINISTRATION OF RESEARCH AND DEVELOPMENT	20,400	------	------	21,000	------	------	------	------	------	------
TEACHING	10,400	10,900	------	------	------	------	------	------	------	------
PRODUCTION AND INSPECTION	------	------	------	------	------	------	------	------	------	------
CONSULTING	18,300	------	------	------	------	------	------	------	------	------
EXPLORATION, FORECASTING, AND REPORTING	15,900	------	------	15,400	------	------	15,300	------	------	------
OTHER	14,700	------	------	------	------	------	------	------	------	------
NO REPORT	------	------	------	------	------	------	------	------	------	------
PHYSICS	14,100	10,400	11,500	16,700	17,000	16,000	16,900	20,000	------	------
RESEARCH AND DEVELOPMENT (X)	15,700	------	10,900	15,600	------	15,900	15,300	------	------	------
BASIC RESEARCH	14,400	------	9,100	15,200	------	------	15,500	------	------	------
APPLIED RESEARCH	15,900	------	12,000	15,900	------	15,500	15,900	------	------	------
MANAGEMENT OR ADMINISTRATION (X)	20,000	15,000	15,300	21,600	------	18,600	20,900	------	------	------
MANAGEMENT OR ADMINISTRATION OF RESEARCH AND DEVELOPMENT	21,000	------	------	22,000	------	19,000	21,000	------	------	------
TEACHING	10,900	10,300	11,300	------	------	------	------	------	------	------
PRODUCTION AND INSPECTION	15,000	------	------	------	------	------	15,000	------	------	------
CONSULTING	17,100	------	------	------	------	------	16,900	------	------	------
EXPLORATION, FORECASTING, AND REPORTING	13,900	------	------	15,300	------	------	13,600	------	------	------
OTHER	14,900	------	------	14,000	------	------	15,000	------	------	------
NO REPORT	15,000	------	------	------	------	------	16,700	------	------	------
MATHEMATICS	12,900	10,000	11,900	17,400	14,600	18,000	18,400	22,300	13,900	------
RESEARCH AND DEVELOPMENT (X)	16,000	8,900	11,900	16,300	------	17,000	16,200	------	------	------
BASIC RESEARCH	11,000	8,100	7,600	14,500	------	------	14,000	------	------	------
APPLIED RESEARCH	16,400	------	12,900	16,400	------	17,400	16,500	------	------	------
MANAGEMENT OR ADMINISTRATION (X)	20,000	13,800	15,000	21,400	16,300	22,000	21,000	------	------	------
MANAGEMENT OR ADMINISTRATION OF RESEARCH AND DEVELOPMENT	21,000	------	------	23,000	------	24,000	21,000	------	------	------
TEACHING	10,000	10,000	11,300	------	------	------	14,400	------	------	------
PRODUCTION AND INSPECTION	14,600	------	------	------	------	------	14,900	------	------	------
CONSULTING	18,000	------	------	------	------	------	18,500	22,200	------	------
EXPLORATION, FORECASTING, AND REPORTING	14,700	------	------	15,200	------	------	15,000	------	------	------
OTHER	15,300	------	------	19,000	------	------	16,200	------	------	------
NO REPORT	13,200	9,000	------	------	------	------	18,300	------	------	------

TABLE A-17C. MEDIAN ANNUAL SALARIES OF MASTER'S DEGREE SCIENTISTS, BY FIELD, PRIMARY WORK ACTIVITY, AND TYPE OF EMPLOYER, 1970--CONTINUED

SCIENTIFIC AND TECHNICAL FIELD AND PRIMARY WORK ACTIVITY	TOTAL	TYPE OF EMPLOYER								NO REPORT OF TYPE OF EMPLOYER
		EDUCATIONAL INSTITUTIONS		FEDERAL GOVERNMENT	OTHER GOVERNMENT	NONPROFIT ORGANIZATIONS	INDUSTRY AND BUSINESS	SELF-EMPLOYED	OTHER	
		ACADEMIC YEAR	CALENDAR YEAR							
COMPUTER SCIENCES	16,500	10,200	13,000	17,400	15,300	17,600	17,000	20,000	16,000	------
RESEARCH AND DEVELOPMENT (A)	15,300	------	11,800	16,300	------	15,800	15,600	------	------	------
BASIC RESEARCH	13,200	------	------	------	------	------	------	------	------	------
APPLIED RESEARCH	15,800	------	12,000	16,500	------	17,200	14,000	------	------	------
MANAGEMENT OR ADMINISTRATION (B)	20,000	------	15,700	21,000	------	21,000	20,000	------	------	------
MANAGEMENT OR ADMINISTRATION OF RESEARCH AND DEVELOPMENT	20,500	------	16,000	21,000	------	21,300	21,000	------	------	------
TEACHING	12,000	10,500	12,000	------	------	------	------	------	------	------
PRODUCTION AND INSPECTION	15,200	------	------	------	------	------	15,000	------	------	------
CONSULTING	17,000	------	------	------	------	------	17,000	------	------	------
EXPLORATION, FORECASTING, AND REPORTING	14,000	------	12,400	15,800	------	------	14,100	------	------	------
OTHER	15,400	------	------	------	------	------	15,600	------	------	------
NO REPORT	16,600	------	------	------	------	------	16,900	------	------	------
AGRICULTURAL SCIENCES	12,500	11,200	12,700	13,800	11,000	14,000	13,000	11,000	------	------
RESEARCH AND DEVELOPMENT (A)	12,000	------	11,200	13,100	10,000	------	11,700	------	------	------
BASIC RESEARCH	11,000	------	9,500	12,400	9,900	------	------	------	------	------
APPLIED RESEARCH	12,000	------	12,000	13,400	10,100	------	11,900	------	------	------
MANAGEMENT OR ADMINISTRATION (B)	13,400	------	14,500	14,700	11,800	14,000	13,500	12,000	------	------
MANAGEMENT OR ADMINISTRATION OF RESEARCH AND DEVELOPMENT	13,500	------	14,500	16,900	11,600	------	15,300	------	------	------
TEACHING	12,000	11,200	13,000	------	------	------	------	------	------	------
PRODUCTION AND INSPECTION	------	------	------	------	------	------	------	------	------	------
CONSULTING	------	------	------	------	------	------	------	------	------	------
EXPLORATION, FORECASTING, AND REPORTING	11,700	------	------	13,200	------	------	------	------	------	------
OTHER	12,500	------	13,300	12,700	10,300	------	11,700	------	------	------
NO REPORT	13,500	------	------	14,700	------	------	------	------	------	------
BIOLOGICAL SCIENCES	11,300	10,300	10,500	13,900	11,700	11,000	13,700	14,000	9,500	12,000
RESEARCH AND DEVELOPMENT (A)	11,200	3,700	9,000	13,200	10,500	10,000	12,800	------	------	------
BASIC RESEARCH	9,700	3,100	7,200	12,400	9,000	10,000	11,700	------	------	------
APPLIED RESEARCH	12,300	------	11,000	13,500	11,000	10,800	13,000	------	------	------
MANAGEMENT OR ADMINISTRATION (B)	14,400	13,000	12,400	16,000	13,000	13,600	15,500	15,000	------	------
MANAGEMENT OR ADMINISTRATION OF RESEARCH AND DEVELOPMENT	15,500	------	12,500	17,400	12,000	------	16,000	------	------	------
TEACHING	10,400	10,300	10,600	------	------	------	------	------	8,500	------
PRODUCTION AND INSPECTION	------	------	------	------	------	------	------	------	------	------
CONSULTING	11,500	------	------	------	12,000	10,600	------	------	------	------
EXPLORATION, FORECASTING, AND REPORTING	13,200	------	------	13,800	------	------	------	------	------	------
OTHER	11,800	------	11,900	12,300	10,300	------	12,600	------	------	------
NO REPORT	13,000	------	------	------	------	------	16,000	------	------	------
PSYCHOLOGY	13,100	10,700	13,000	16,000	12,500	12,500	16,300	20,000	12,000	15,000
RESEARCH AND DEVELOPMENT (A)	13,200	13,200	13,000	15,200	12,000	12,000	15,000	------	------	------
BASIC RESEARCH	12,000	------	------	------	------	------	------	------	------	------
APPLIED RESEARCH	13,200	13,200	13,200	15,200	12,000	12,000	15,000	------	------	------
MANAGEMENT OR ADMINISTRATION (B)	15,800	14,000	15,400	18,200	14,300	14,500	19,200	------	------	------
MANAGEMENT OR ADMINISTRATION OF RESEARCH AND DEVELOPMENT	16,300	------	------	18,200	13,800	15,000	19,200	------	------	------
TEACHING	10,200	10,000	11,300	------	------	------	------	------	------	------
PRODUCTION AND INSPECTION	------	------	------	------	------	------	------	------	------	------
CONSULTING	13,000	11,700	12,000	15,000	12,000	11,500	15,400	20,000	------	------
EXPLORATION, FORECASTING, AND REPORTING	------	------	------	------	------	------	------	------	------	------
OTHER	14,200	------	------	------	13,600	------	------	------	------	------
NO REPORT	14,000	------	------	------	------	------	------	------	------	------
STATISTICS	16,200	10,900	13,000	18,000	15,000	15,600	16,500	------	------	------
RESEARCH AND DEVELOPMENT (A)	15,200	------	------	17,400	------	15,000	15,500	------	------	------
BASIC RESEARCH	------	------	------	------	------	------	------	------	------	------
APPLIED RESEARCH	15,600	------	------	17,400	------	------	15,600	------	------	------
MANAGEMENT OR ADMINISTRATION (B)	20,000	------	------	21,000	------	------	20,000	------	------	------
MANAGEMENT OR ADMINISTRATION OF RESEARCH AND DEVELOPMENT	20,400	------	------	21,000	------	------	20,800	------	------	------
TEACHING	11,000	11,000	------	------	------	------	------	------	------	------
PRODUCTION AND INSPECTION	16,000	------	------	------	------	------	16,000	------	------	------
CONSULTING	16,000	------	------	16,500	------	------	16,500	------	------	------
EXPLORATION, FORECASTING, AND REPORTING	14,500	------	------	17,000	------	------	14,400	------	------	------
OTHER	15,000	------	------	------	------	------	------	------	------	------
NO REPORT	------	------	------	------	------	------	------	------	------	------
ECONOMICS	14,200	11,000	13,700	18,500	15,900	17,000	18,100	18,900	------	------
RESEARCH AND DEVELOPMENT (A)	14,500	11,600	12,000	15,600	14,200	14,500	16,200	------	------	------
BASIC RESEARCH	13,400	------	------	14,600	------	------	------	------	------	------
APPLIED RESEARCH	14,900	------	12,000	15,600	14,000	15,100	16,000	------	------	------
MANAGEMENT OR ADMINISTRATION (B)	20,000	------	16,400	21,700	18,000	20,500	21,000	------	------	------
MANAGEMENT OR ADMINISTRATION OF RESEARCH AND DEVELOPMENT	20,600	------	------	22,200	17,800	22,000	21,700	------	------	------
TEACHING	11,000	10,900	12,300	------	------	------	------	------	------	------
PRODUCTION AND INSPECTION	16,000	------	------	------	------	------	16,100	------	------	------
CONSULTING	18,500	------	------	------	------	------	19,000	------	------	------
EXPLORATION, FORECASTING, AND REPORTING	16,000	------	------	16,400	13,000	------	16,000	------	------	------
OTHER	16,000	------	------	16,500	------	------	17,000	------	------	------
NO REPORT	15,000	------	------	------	------	------	------	------	------	------

TABLE A-17C. MEDIAN ANNUAL SALARIES OF MASTER'S DEGREE SCIENTISTS,
BY FIELD, PRIMARY WORK ACTIVITY, AND TYPE OF EMPLOYER, 1970--CONTINUED

SCIENTIFIC AND TECHNICAL FIELD AND PRIMARY WORK ACTIVITY	TOTAL	TYPE OF EMPLOYER								NO REPORT OF TYPE OF EMPLOYER
		EDUCATIONAL INSTITUTIONS		FEDERAL GOVERN-MENT	OTHER GOVERN-MENT	NONPROFIT ORGANIZA-TIONS	INDUSTRY AND BUSINESS	SELF-EMPLOYED	OTHER	
		ACADEMIC YEAR	CALENDAR YEAR							
SOCIOLOGY	10,100	9,700	10,700	15,500	12,000	12,100	15,000	------	------	------
RESEARCH AND DEVELOPMENT (A)	11,000	10,500	11,000	14,300	10,400	12,000	------	------	------	------
BASIC RESEARCH	11,000	------	10,500	------	------	------	------	------	------	------
APPLIED RESEARCH	11,200	------	------	14,300	10,300	10,400	------	------	------	------
MANAGEMENT OR ADMINISTRATION (B)	14,000	------	13,100	18,500	14,000	13,500	16,000	------	------	------
MANAGEMENT OR ADMINISTRATION OF RESEARCH AND DEVELOPMENT	14,900	------	------	------	14,000	------	------	------	------	------
TEACHING	9,700	9,700	10,000	------	------	------	------	------	------	------
PRODUCTION AND INSPECTION	------	------	------	------	------	------	------	------	------	------
CONSULTING	------	------	------	------	------	------	------	------	------	------
EXPLORATION, FORECASTING, AND REPORTING	------	------	------	------	------	------	------	------	------	------
OTHER	10,000	------	------	------	------	------	------	------	------	------
NO REPORT	10,100	------	------	------	------	------	------	------	------	------
POLITICAL SCIENCE	10,500	9,800	10,700	15,800	13,000	14,100	15,200	------	------	------
RESEARCH AND DEVELOPMENT (A)	11,000	9,000	10,500	12,000	------	------	------	------	------	------
BASIC RESEARCH	9,500	------	------	------	------	------	------	------	------	------
APPLIED RESEARCH	12,000	------	------	------	------	------	------	------	------	------
MANAGEMENT OR ADMINISTRATION (B)	16,000	------	15,000	17,900	15,300	15,000	------	------	------	------
MANAGEMENT OR ADMINISTRATION OF RESEARCH AND DEVELOPMENT	16,000	------	------	------	------	------	------	------	------	------
TEACHING	9,900	9,800	10,000	------	------	------	------	------	------	------
PRODUCTION AND INSPECTION	------	------	------	------	------	------	------	------	------	------
CONSULTING	15,400	------	------	------	------	------	------	------	------	------
EXPLORATION, FORECASTING, AND REPORTING	11,500	------	------	------	------	------	------	------	------	------
OTHER	13,100	------	------	13,400	------	------	------	------	------	------
NO REPORT	11,200	------	------	------	------	------	------	------	------	------
ANTHROPOLOGY	------	------	------	------	------	------	------	------	------	------
RESEARCH AND DEVELOPMENT (A)	------	------	------	------	------	------	------	------	------	------
BASIC RESEARCH	------	------	------	------	------	------	------	------	------	------
APPLIED RESEARCH	------	------	------	------	------	------	------	------	------	------
MANAGEMENT OR ADMINISTRATION (B)	------	------	------	------	------	------	------	------	------	------
MANAGEMENT OR ADMINISTRATION OF RESEARCH AND DEVELOPMENT	------	------	------	------	------	------	------	------	------	------
TEACHING	------	------	------	------	------	------	------	------	------	------
PRODUCTION AND INSPECTION	------	------	------	------	------	------	------	------	------	------
CONSULTING	------	------	------	------	------	------	------	------	------	------
EXPLORATION, FORECASTING, AND REPORTING	------	------	------	------	------	------	------	------	------	------
OTHER	------	------	------	------	------	------	------	------	------	------
NO REPORT	------	------	------	------	------	------	------	------	------	------
LINGUISTICS	10,300	10,000	11,000	------	------	9,300	------	------	------	------
RESEARCH AND DEVELOPMENT (A)	10,400	------	------	------	------	------	------	------	------	------
BASIC RESEARCH	------	------	------	------	------	------	------	------	------	------
APPLIED RESEARCH	------	------	------	------	------	------	------	------	------	------
MANAGEMENT OR ADMINISTRATION (B)	14,000	------	------	------	------	------	------	------	------	------
MANAGEMENT OR ADMINISTRATION OF RESEARCH AND DEVELOPMENT	------	------	------	------	------	------	------	------	------	------
TEACHING	10,000	10,000	9,500	------	------	------	------	------	------	------
PRODUCTION AND INSPECTION	------	------	------	------	------	------	------	------	------	------
CONSULTING	------	------	------	------	------	------	------	------	------	------
EXPLORATION, FORECASTING, AND REPORTING	------	------	------	------	------	------	------	------	------	------
OTHER	------	------	------	------	------	------	------	------	------	------
NO REPORT	------	------	------	------	------	------	------	------	------	------

(A)INCLUDES DEVELOPMENT OR DESIGN.
(B)INCLUDES MANAGEMENT OR ADMINISTRATION OF OTHER THAN RESEARCH AND DEVELOPMENT.

NOTE - ALL MEDIAN SALARIES WERE COMPUTED ONLY FOR FULL-TIME EMPLOYED CIVILIAN SCIENTISTS. NO MEDIAN WAS COMPUTED FOR GROUPS WITH FEWER THAN 25 REGISTRANTS REPORTING SALARY.

SOURCE - NATIONAL REGISTER OF SCIENTIFIC AND TECHNICAL PERSONNEL, 1970.

TABLE A-17D. MEDIAN ANNUAL SALARIES OF BACHELOR'S DEGREE SCIENTISTS, BY FIELD, PRIMARY WORK ACTIVITY, AND TYPE OF EMPLOYER, 1970

SCIENTIFIC AND TECHNICAL FIELD AND PRIMARY WORK ACTIVITY	TOTAL	TYPE OF EMPLOYER								NO REPORT OF TYPE OF EMPLOYER
		EDUCATIONAL INSTITUTIONS		FEDERAL GOVERN-MENT	OTHER GOVERN-MENT	NONPROFIT ORGANIZA-TIONS	INDUSTRY AND BUSINESS	SELF-EMPLOYED	OTHER	
		ACADEMIC YEAR	CALENDAR YEAR							
ALL FIELDS	13,900	8,300	8,300	14,300	11,300	12,000	15,000	17,800	12,000	12,800
RESEARCH AND DEVELOPMENT (A)	13,000	3,400	4,400	14,300	10,500	12,000	13,200	15,000	12,000	13,500
BASIC RESEARCH	10,000	3,200	3,600	13,500	9,900	9,600	11,400	------	10,000	------
APPLIED RESEARCH	13,500	------	10,400	14,700	10,800	13,200	13,500	15,000	13,500	------
MANAGEMENT OR ADMINISTRATION (B)	16,500	------	14,200	14,800	11,600	15,600	18,000	15,000	14,600	14,400
MANAGEMENT OR ADMINISTRATION OF RESEARCH AND DEVELOPMENT	18,400	------	15,000	19,100	11,600	20,000	19,000	15,000	15,000	------
TEACHING	8,200	8,500	9,000	12,000	9,000	7,800	14,500	------	8,400	------
PRODUCTION AND INSPECTION	13,000	------	------	13,500	11,000	9,900	13,100	16,200	11,600	------
CONSULTING	16,100	------	------	16,000	11,000	10,400	17,000	18,000	16,000	------
EXPLORATION, FORECASTING, AND REPORTING	14,200	------	11,200	14,300	11,400	12,000	14,500	20,000	11,000	------
OTHER	12,400	------	8,000	13,100	10,000	12,000	13,200	15,000	11,800	------
NO REPORT	14,100	------	8,900	15,000	10,600	12,000	15,600	15,000	------	13,000
CHEMISTRY	13,800	6,300	3,600	14,700	11,300	11,000	14,200	18,000	12,500	13,100
RESEARCH AND DEVELOPMENT (A)	12,000	3,000	3,600	14,200	10,500	10,200	12,600	------	12,000	------
BASIC RESEARCH	8,400	3,000	3,600	13,400	9,700	9,300	11,000	------	9,600	------
APPLIED RESEARCH	13,000	------	7,400	14,700	11,000	11,400	12,900	------	------	------
MANAGEMENT OR ADMINISTRATION (B)	18,000	------	13,700	18,500	14,000	17,000	18,300	15,000	15,400	------
MANAGEMENT OR ADMINISTRATION OF RESEARCH AND DEVELOPMENT	18,400	------	------	20,000	12,900	19,700	18,100	------	17,000	------
TEACHING	7,400	7,200	7,400	------	------	------	------	------	------	------
PRODUCTION AND INSPECTION	13,000	------	------	13,500	10,800	9,800	13,000	15,600	11,700	------
CONSULTING	16,000	------	------	------	------	------	15,700	20,000	------	------
EXPLORATION, FORECASTING, AND REPORTING	12,700	------	------	14,600	------	11,200	12,800	------	------	------
OTHER	13,000	------	3,400	13,900	9,400	9,500	13,400	25,000	10,400	------
NO REPORT	14,000	------	------	15,500	11,300	------	15,300	------	------	------
EARTH & MARINE SCIENCES	15,000	8,200	9,000	15,000	12,200	11,000	15,400	18,000	11,000	------
RESEARCH AND DEVELOPMENT (A)	13,800	------	------	14,700	10,800	------	14,300	------	------	------
BASIC RESEARCH	12,600	------	------	14,300	------	------	13,200	------	------	------
APPLIED RESEARCH	14,400	------	------	15,000	11,500	------	14,400	------	------	------
MANAGEMENT OR ADMINISTRATION (B)	18,500	------	------	18,000	14,500	------	20,000	20,000	------	------
MANAGEMENT OR ADMINISTRATION OF RESEARCH AND DEVELOPMENT	19,000	------	------	19,800	------	------	19,900	------	------	------
TEACHING	8,000	8,200	7,900	------	------	------	------	------	------	------
PRODUCTION AND INSPECTION	13,200	------	------	12,300	12,000	------	13,600	18,000	------	------
CONSULTING	15,500	------	------	------	------	------	14,700	18,000	------	------
EXPLORATION, FORECASTING, AND REPORTING	14,600	------	------	13,500	11,400	------	15,000	20,000	------	------
OTHER	12,400	------	------	14,200	12,400	------	11,000	------	------	------
NO REPORT	15,000	------	------	15,500	------	------	16,000	------	------	------
ATMOSPHERIC & SPACE SCIENCES	15,000	------	9,500	15,600	13,200	------	14,200	------	------	------
RESEARCH AND DEVELOPMENT (A)	15,000	------	------	15,600	------	------	14,000	------	------	------
BASIC RESEARCH	13,100	------	------	16,000	------	------	------	------	------	------
APPLIED RESEARCH	15,100	------	------	15,600	------	------	15,000	------	------	------
MANAGEMENT OR ADMINISTRATION (B)	17,800	------	------	17,900	14,300	------	16,800	------	------	------
MANAGEMENT OR ADMINISTRATION OF RESEARCH AND DEVELOPMENT	19,100	------	------	19,600	------	------	------	------	------	------
TEACHING	9,500	------	------	------	------	------	------	------	------	------
PRODUCTION AND INSPECTION	13,800	------	------	------	------	------	12,500	------	------	------
CONSULTING	------	------	------	------	------	------	------	------	------	------
EXPLORATION, FORECASTING, AND REPORTING	14,500	------	------	14,700	------	------	13,000	------	------	------
OTHER	13,200	------	------	13,600	------	------	------	------	------	------
NO REPORT	14,000	------	------	------	------	------	------	------	------	------
PHYSICS	14,600	8,500	10,100	16,000	11,500	15,000	15,100	20,000	------	------
RESEARCH AND DEVELOPMENT (A)	14,500	------	11,000	15,000	------	14,400	14,400	------	------	------
BASIC RESEARCH	13,900	------	9,000	14,700	------	------	14,900	------	------	------
APPLIED RESEARCH	14,500	------	------	15,000	------	15,000	14,100	------	------	------
MANAGEMENT OR ADMINISTRATION (B)	19,200	------	15,000	19,800	------	20,000	19,200	------	------	------
MANAGEMENT OR ADMINISTRATION OF RESEARCH AND DEVELOPMENT	20,000	------	------	20,400	------	------	20,000	------	------	------
TEACHING	8,300	8,400	9,000	------	------	------	------	------	------	------
PRODUCTION AND INSPECTION	14,000	------	------	------	------	------	14,200	------	------	------
CONSULTING	16,000	------	------	------	------	------	15,500	------	------	------
EXPLORATION, FORECASTING, AND REPORTING	13,000	------	------	13,700	------	------	12,500	------	------	------
OTHER	14,600	------	------	16,000	------	------	13,600	------	------	------
NO REPORT	17,000	------	------	------	------	------	16,000	------	------	------
MATHEMATICS	17,400	8,300	9,400	17,300	14,200	19,700	19,200	25,000	14,000	------
RESEARCH AND DEVELOPMENT (A)	16,000	------	------	15,800	------	17,400	16,100	------	------	------
BASIC RESEARCH	13,000	------	------	------	------	------	------	------	------	------
APPLIED RESEARCH	16,400	------	------	16,200	------	------	16,200	------	------	------
MANAGEMENT OR ADMINISTRATION (B)	21,000	------	------	20,400	16,500	20,100	21,100	------	------	------
MANAGEMENT OR ADMINISTRATION OF RESEARCH AND DEVELOPMENT	21,600	------	------	21,000	------	------	22,000	------	------	------
TEACHING	8,100	8,500	8,400	------	------	------	------	------	------	------
PRODUCTION AND INSPECTION	14,000	------	------	------	------	------	13,600	------	------	------
CONSULTING	21,000	------	------	------	------	------	21,500	24,000	------	------
EXPLORATION, FORECASTING, AND REPORTING	14,600	------	------	15,600	------	------	14,500	------	------	------
OTHER	14,800	------	------	------	------	------	15,000	------	------	------
NO REPORT	17,400	------	------	------	------	------	19,200	------	------	------

TABLE A-17C. MEDIAN ANNUAL SALARIES OF BACHELOR'S DEGREE SCIENTISTS, BY FIELD, PRIMARY WORK ACTIVITY, AND TYPE OF EMPLOYER, 1970--CONTINUED

SCIENTIFIC AND TECHNICAL FIELD AND PRIMARY WORK ACTIVITY	TOTAL	TYPE OF EMPLOYER								NO REPORT OF TYPE OF EMPLOYER
		EDUCATIONAL INSTITUTIONS		FEDERAL GOVERNMENT	OTHER GOVERNMENT	NONPROFIT ORGANIZATIONS	INDUSTRY AND BUSINESS	SELF-EMPLOYED	OTHER	
		ACADEMIC YEAR	CALENDAR YEAR							
COMPUTER SCIENCES	16,000	------	12,700	16,000	13,400	16,000	16,000	19,000	15,000	------
RESEARCH AND DEVELOPMENT (A)	15,000	------	12,200	15,100	14,200	15,000	15,000	------	------	------
BASIC RESEARCH	13,500	------	------	------	------	------	------	------	------	------
APPLIED RESEARCH	15,000	------	13,000	15,100	------	15,200	15,400	------	------	------
MANAGEMENT OR ADMINISTRATION (B)	18,800	------	15,900	19,400	16,000	19,000	19,000	------	------	------
MANAGEMENT OR ADMINISTRATION OF RESEARCH AND DEVELOPMENT	19,400	------	------	21,000	------	------	19,500	------	------	------
TEACHING	13,500	------	------	------	------	------	------	------	------	------
PRODUCTION AND INSPECTION	14,000	------	------	------	------	------	14,300	------	------	------
CONSULTING	16,600	------	------	------	------	------	16,800	------	------	------
EXPLORATION, FORECASTING, AND REPORTING	13,800	------	11,100	14,000	------	------	14,000	------	------	------
OTHER	14,500	------	------	------	------	------	14,600	------	------	------
NO REPORT	15,800	------	------	------	------	------	16,000	------	------	------
AGRICULTURAL SCIENCES	12,000	------	11,900	12,400	10,300	12,500	12,000	12,000	10,200	------
RESEARCH AND DEVELOPMENT (A)	11,200	------	10,800	12,300	9,400	------	11,400	------	------	------
BASIC RESEARCH	11,200	------	------	12,300	10,100	------	------	------	------	------
APPLIED RESEARCH	11,200	------	10,000	12,400	9,700	------	11,800	------	------	------
MANAGEMENT OR ADMINISTRATION (B)	12,000	------	13,900	12,400	10,500	12,600	12,000	14,000	------	------
MANAGEMENT OR ADMINISTRATION OF RESEARCH AND DEVELOPMENT	12,000	------	------	14,700	10,600	------	12,600	------	------	------
TEACHING	11,100	------	12,000	------	------	------	------	------	------	------
PRODUCTION AND INSPECTION	10,300	------	------	------	------	------	9,900	------	------	------
CONSULTING	9,900	------	------	------	------	------	------	------	------	------
EXPLORATION, FORECASTING, AND REPORTING	12,400	------	------	13,000	------	------	------	------	------	------
OTHER	11,000	------	------	12,000	9,400	------	10,000	------	------	------
NO REPORT	12,000	------	------	12,700	9,300	------	10,500	------	------	------
BIOLOGICAL SCIENCES	10,800	8,500	8,700	13,400	11,000	10,100	12,500	13,000	11,000	------
RESEARCH AND DEVELOPMENT (A)	10,900	------	7,900	12,700	9,800	9,600	11,700	------	------	------
BASIC RESEARCH	9,600	------	7,500	12,200	9,500	9,600	12,000	------	------	------
APPLIED RESEARCH	11,600	------	9,100	13,000	10,700	9,600	11,600	------	------	------
MANAGEMENT OR ADMINISTRATION (B)	13,400	------	------	15,100	12,000	11,900	14,400	14,000	------	------
MANAGEMENT OR ADMINISTRATION OF RESEARCH AND DEVELOPMENT	15,000	------	------	17,000	11,400	------	15,400	------	------	------
TEACHING	8,300	8,800	9,500	------	------	------	------	------	------	------
PRODUCTION AND INSPECTION	10,000	------	------	------	------	------	------	------	------	------
CONSULTING	10,800	------	------	------	10,600	10,000	13,000	13,000	------	------
EXPLORATION, FORECASTING, AND REPORTING	11,500	------	------	12,400	------	------	------	------	------	------
OTHER	11,400	------	------	12,100	10,000	------	12,000	------	------	------
NO REPORT	12,000	------	------	------	------	------	------	------	------	------
PSYCHOLOGY	14,600	------	------	------	14,500	------	------	------	------	------
RESEARCH AND DEVELOPMENT (A)	13,800	------	------	------	------	------	------	------	------	------
BASIC RESEARCH	------	------	------	------	------	------	------	------	------	------
APPLIED RESEARCH	13,800	------	------	------	------	------	------	------	------	------
MANAGEMENT OR ADMINISTRATION (B)	17,200	------	------	------	------	------	------	------	------	------
MANAGEMENT OR ADMINISTRATION OF RESEARCH AND DEVELOPMENT	------	------	------	------	------	------	------	------	------	------
TEACHING	------	------	------	------	------	------	------	------	------	------
PRODUCTION AND INSPECTION	------	------	------	------	------	------	------	------	------	------
CONSULTING	14,500	------	------	------	------	------	------	------	------	------
EXPLORATION, FORECASTING, AND REPORTING	------	------	------	------	------	------	------	------	------	------
OTHER	------	------	------	------	------	------	------	------	------	------
NO REPORT	------	------	------	------	------	------	------	------	------	------
STATISTICS	17,000	------	------	18,600	14,600	------	16,000	------	------	------
RESEARCH AND DEVELOPMENT (A)	16,200	------	------	17,400	------	------	15,700	------	------	------
BASIC RESEARCH	------	------	------	------	------	------	------	------	------	------
APPLIED RESEARCH	16,000	------	------	17,400	------	------	15,700	------	------	------
MANAGEMENT OR ADMINISTRATION (B)	19,700	------	------	20,400	------	------	19,000	------	------	------
MANAGEMENT OR ADMINISTRATION OF RESEARCH AND DEVELOPMENT	20,000	------	------	------	------	------	------	------	------	------
TEACHING	------	------	------	------	------	------	------	------	------	------
PRODUCTION AND INSPECTION	14,500	------	------	------	------	------	13,500	------	------	------
CONSULTING	17,200	------	------	------	------	------	------	------	------	------
EXPLORATION, FORECASTING, AND REPORTING	15,800	------	------	17,400	------	------	15,500	------	------	------
OTHER	------	------	------	------	------	------	------	------	------	------
NO REPORT	------	------	------	------	------	------	------	------	------	------
ECONOMICS	16,300	11,000	13,200	18,500	15,100	16,000	19,000	------	------	------
RESEARCH AND DEVELOPMENT (A)	15,200	------	------	15,800	14,900	------	16,000	------	------	------
BASIC RESEARCH	14,200	------	------	------	------	------	------	------	------	------
APPLIED RESEARCH	15,600	------	------	16,000	------	------	18,000	------	------	------
MANAGEMENT OR ADMINISTRATION (B)	21,000	------	------	22,500	16,000	------	21,000	------	------	------
MANAGEMENT OR ADMINISTRATION OF RESEARCH AND DEVELOPMENT	21,000	------	------	23,000	------	------	22,000	------	------	------
TEACHING	11,000	11,000	------	------	------	------	------	------	------	------
PRODUCTION AND INSPECTION	15,200	------	------	------	------	------	15,000	------	------	------
CONSULTING	21,000	------	------	------	------	------	21,000	------	------	------
EXPLORATION, FORECASTING, AND REPORTING	16,000	------	------	15,000	------	------	16,700	------	------	------
OTHER	18,400	------	------	------	------	------	------	------	------	------
NO REPORT	------	------	------	------	------	------	------	------	------	------

TABLE A-17D. MEDIAN ANNUAL SALARIES OF BACHELOR'S DEGREE SCIENTISTS, BY FIELD, PRIMARY WORK ACTIVITY, AND TYPE OF EMPLOYER, 1970--CONTINUED

SCIENTIFIC AND TECHNICAL FIELD AND PRIMARY WORK ACTIVITY	TOTAL	TYPE OF EMPLOYER: EDUCATIONAL INSTITUTIONS: ACADEMIC YEAR	TYPE OF EMPLOYER: EDUCATIONAL INSTITUTIONS: CALENDAR YEAR	TYPE OF EMPLOYER: FEDERAL GOVERN-MENT	TYPE OF EMPLOYER: OTHER GOVERN-MENT	TYPE OF EMPLOYER: NONPROFIT ORGANIZA-TIONS	TYPE OF EMPLOYER: INDUSTRY AND BUSINESS	TYPE OF EMPLOYER: SELF-EMPLOYED	TYPE OF EMPLOYER: OTHER	NO REPORT OF TYPE OF EMPLOYER
SOCIOLOGY	10,000	9,700	10,500	15,000	10,000	8,600	------	------	------	------
RESEARCH AND DEVELOPMENT (A)	10,000	------	------	------	------	------	------	------	------	------
BASIC RESEARCH	9,400	------	------	------	------	------	------	------	------	------
APPLIED RESEARCH	10,500	------	------	------	------	------	------	------	------	------
MANAGEMENT OR ADMINISTRATION (B)	12,000	------	------	------	------	------	------	------	------	------
MANAGEMENT OR ADMINISTRATION OF RESEARCH AND DEVELOPMENT	12,000	------	------	------	------	------	------	------	------	------
TEACHING	9,600	9,600	------	------	------	------	------	------	------	------
PRODUCTION AND INSPECTION	------	------	------	------	------	------	------	------	------	------
CONSULTING	------	------	------	------	------	------	------	------	------	------
EXPLORATION, FORECASTING, AND REPORTING	------	------	------	------	------	------	------	------	------	------
OTHER	------	------	------	------	------	------	------	------	------	------
NO REPORT	------	------	------	------	------	------	------	------	------	------
POLITICAL SCIENCE	10,700	------	------	------	------	------	------	------	------	------
RESEARCH AND DEVELOPMENT (A)	------	------	------	------	------	------	------	------	------	------
BASIC RESEARCH	------	------	------	------	------	------	------	------	------	------
APPLIED RESEARCH	------	------	------	------	------	------	------	------	------	------
MANAGEMENT OR ADMINISTRATION (B)	------	------	------	------	------	------	------	------	------	------
MANAGEMENT OR ADMINISTRATION OF RESEARCH AND DEVELOPMENT	------	------	------	------	------	------	------	------	------	------
TEACHING	------	------	------	------	------	------	------	------	------	------
PRODUCTION AND INSPECTION	------	------	------	------	------	------	------	------	------	------
CONSULTING	------	------	------	------	------	------	------	------	------	------
EXPLORATION, FORECASTING, AND REPORTING	------	------	------	------	------	------	------	------	------	------
OTHER	------	------	------	------	------	------	------	------	------	------
NO REPORT	------	------	------	------	------	------	------	------	------	------
ANTHROPOLOGY	------	------	------	------	------	------	------	------	------	------
RESEARCH AND DEVELOPMENT (A)	------	------	------	------	------	------	------	------	------	------
BASIC RESEARCH	------	------	------	------	------	------	------	------	------	------
APPLIED RESEARCH	------	------	------	------	------	------	------	------	------	------
MANAGEMENT OR ADMINISTRATION (B)	------	------	------	------	------	------	------	------	------	------
MANAGEMENT OR ADMINISTRATION OF RESEARCH AND DEVELOPMENT	------	------	------	------	------	------	------	------	------	------
TEACHING	------	------	------	------	------	------	------	------	------	------
PRODUCTION AND INSPECTION	------	------	------	------	------	------	------	------	------	------
CONSULTING	------	------	------	------	------	------	------	------	------	------
EXPLORATION, FORECASTING, AND REPORTING	------	------	------	------	------	------	------	------	------	------
OTHER	------	------	------	------	------	------	------	------	------	------
NO REPORT	------	------	------	------	------	------	------	------	------	------
LINGUISTICS	10,200	------	------	------	------	------	------	------	------	------
RESEARCH AND DEVELOPMENT (A)	------	------	------	------	------	------	------	------	------	------
BASIC RESEARCH	------	------	------	------	------	------	------	------	------	------
APPLIED RESEARCH	------	------	------	------	------	------	------	------	------	------
MANAGEMENT OR ADMINISTRATION (B)	------	------	------	------	------	------	------	------	------	------
MANAGEMENT OR ADMINISTRATION OF RESEARCH AND DEVELOPMENT	------	------	------	------	------	------	------	------	------	------
TEACHING	------	------	------	------	------	------	------	------	------	------
PRODUCTION AND INSPECTION	------	------	------	------	------	------	------	------	------	------
CONSULTING	------	------	------	------	------	------	------	------	------	------
EXPLORATION, FORECASTING, AND REPORTING	------	------	------	------	------	------	------	------	------	------
OTHER	------	------	------	------	------	------	------	------	------	------
NO REPORT	------	------	------	------	------	------	------	------	------	------

(A)INCLUDES DEVELOPMENT OR DESIGN.
(B)INCLUDES MANAGEMENT OR ADMINISTRATION OF OTHER THAN RESEARCH AND DEVELOPMENT.

NOTE - ALL MEDIAN SALARIES WERE COMPUTED ONLY FOR FULL-TIME EMPLOYED CIVILIAN SCIENTISTS. NO MEDIAN WAS COMPUTED FOR GROUPS WITH FEWER THAN 25 REGISTRANTS REPORTING SALARY.

SOURCE - NATIONAL REGISTER OF SCIENTIFIC AND TECHNICAL PERSONNEL, 1970.

TABLE A-18. MEDIAN ANNUAL SALARIES OF SCIENTISTS, BY FIELD, YEARS OF PROFESSIONAL EXPERIENCE, AND TYPE OF EMPLOYER, 1970

SCIENTIFIC AND TECHNICAL FIELD AND YEARS OF PROFESSIONAL EXPERIENCE	TOTAL	TYPE OF EMPLOYER								NO REPORT OF TYPE OF EMPLOYER
		EDUCATIONAL INSTITUTIONS		FEDERAL GOVERNMENT	OTHER GOVERNMENT	NONPROFIT ORGANIZATIONS	INDUSTRY AND BUSINESS	SELF-EMPLOYED	OTHER	
		ACADEMIC YEAR	CALENDAR YEAR							
ALL FIELDS	15,000	12,500	15,500	16,100	13,000	16,400	16,700	20,000	14,000	15,000
1 OR LESS	10,100	10,000	9,000	11,000	9,000	9,000	11,700	------	9,000	------
2 TO 4	11,100	10,500	11,000	12,000	5,800	11,500	12,600	13,000	10,500	10,800
5 TO 9	13,100	11,800	14,000	14,000	12,000	14,700	15,000	18,000	12,100	13,000
10 TO 14	15,400	13,200	16,500	15,600	13,300	17,000	17,000	20,000	15,000	16,000
15 TO 19	17,400	15,000	18,400	17,900	14,500	19,100	18,300	20,000	17,300	17,500
20 TO 24	18,300	16,000	20,000	18,500	15,000	20,000	19,400	24,000	18,000	17,000
25 TO 29	19,100	16,000	21,000	20,000	16,000	21,000	20,000	23,000	17,600	22,000
30 TO 34	20,000	17,000	21,300	21,000	16,000	21,500	20,400	20,000	20,000	17,000
35 TO 39	19,300	16,500	21,000	21,600	17,100	24,000	20,000	21,500	18,000	------
40 OR MORE	18,500	16,500	20,000	22,000	15,900	21,000	20,000	20,000	14,900	------
NO REPORT	15,000	12,500	15,000	15,800	12,600	16,000	16,800	20,000	15,000	14,400
CHEMISTRY	15,300	12,000	12,000	16,300	12,300	15,000	16,200	20,000	14,400	15,000
1 OR LESS	10,000	9,500	7,000	10,000	8,000	8,000	11,500	------	9,000	------
2 TO 4	11,000	10,200	7,400	12,000	9,500	10,000	12,200	------	10,500	------
5 TO 9	13,000	11,500	11,500	13,800	11,200	13,000	14,000	15,000	12,500	------
10 TO 14	15,200	13,000	15,000	15,200	12,600	15,000	16,000	18,000	14,600	16,000
15 TO 19	17,000	14,300	17,000	17,500	13,600	17,000	17,500	14,000	17,000	------
20 TO 24	18,000	15,000	18,900	18,400	14,000	18,000	18,300	20,000	18,000	------
25 TO 29	19,000	16,000	20,000	19,500	16,200	18,600	19,200	20,000	18,000	------
30 TO 34	19,500	15,500	20,300	20,000	13,500	18,500	20,000	15,000	20,400	------
35 TO 39	18,900	15,500	19,800	20,700	17,500	17,500	19,000	25,000	------	------
40 OR MORE	18,000	15,100	20,000	21,000	14,400	------	19,000	15,000	------	------
NO REPORT	16,000	12,000	10,000	16,700	13,000	15,500	17,000	20,000	16,200	12,100
EARTH & MARINE SCIENCES	14,900	12,000	14,100	16,000	12,600	14,000	15,700	18,000	12,700	15,500
1 OR LESS	9,600	8,900	8,500	9,300	9,000	------	10,200	------	------	------
2 TO 4	10,700	10,000	10,700	11,200	10,000	10,500	11,800	------	------	------
5 TO 9	12,500	11,300	12,500	13,500	12,000	13,000	13,300	14,500	------	------
10 TO 14	14,700	12,900	15,000	15,000	13,400	15,100	15,100	15,600	------	------
15 TO 19	16,000	14,000	17,000	16,900	14,400	16,900	16,500	18,000	------	------
20 TO 24	17,900	15,300	20,000	18,000	14,700	19,400	18,000	20,000	------	------
25 TO 29	19,200	15,100	19,300	20,000	16,600	------	20,000	20,000	------	------
30 TO 34	20,000	16,000	20,500	21,000	15,600	------	20,100	20,000	------	------
35 TO 39	19,800	15,500	19,600	21,600	------	------	21,000	------	------	------
40 OR MORE	20,000	17,500	21,000	21,600	------	------	21,500	------	------	------
NO REPORT	15,000	12,000	15,000	16,000	12,600	------	16,200	20,000	------	------
ATMOSPHERIC & SPACE SCIENCES	15,200	13,500	14,500	15,600	13,200	15,600	15,000	17,500	------	------
1 OR LESS	9,700	------	------	------	------	------	------	------	------	------
2 TO 4	11,300	10,000	12,400	11,800	------	------	11,000	------	------	------
5 TO 9	13,400	11,400	13,000	13,900	------	------	12,500	------	------	------
10 TO 14	15,000	------	15,000	15,000	------	------	15,500	------	------	------
15 TO 19	16,100	14,000	------	16,500	------	------	17,000	------	------	------
20 TO 24	16,000	------	19,800	15,600	------	------	15,600	------	------	------
25 TO 29	17,400	------	21,600	17,900	------	------	15,700	------	------	------
30 TO 34	17,400	------	------	17,900	------	------	16,400	------	------	------
35 TO 39	18,400	------	------	16,600	------	------	------	------	------	------
40 OR MORE	17,400	------	------	17,400	------	------	------	------	------	------
NO REPORT	15,300	------	------	15,100	------	------	16,500	------	------	------
PHYSICS	15,900	12,500	13,500	17,400	12,100	18,000	18,000	20,000	8,200	------
1 OR LESS	10,800	9,600	9,600	13,000	------	12,000	15,000	------	------	------
2 TO 4	12,000	10,600	10,700	13,000	------	13,600	15,000	------	------	------
5 TO 9	14,000	11,800	13,000	15,100	------	15,000	16,000	------	------	------
10 TO 14	17,000	13,500	17,000	17,400	------	18,000	18,500	------	------	------
15 TO 19	19,800	15,900	20,000	20,400	------	20,400	21,000	------	------	------
20 TO 24	20,700	16,400	21,500	22,000	------	22,500	22,400	------	------	------
25 TO 29	22,000	16,200	21,500	24,600	------	23,000	24,000	------	------	------
30 TO 34	21,700	17,200	23,500	25,000	------	24,000	24,100	------	------	------
35 TO 39	20,900	17,000	21,000	25,800	------	------	22,600	------	------	------
40 OR MORE	19,200	16,100	20,000	25,000	------	------	21,500	------	------	------
NO REPORT	13,500	11,300	11,000	15,800	------	15,000	16,200	------	------	------
MATHEMATICS	14,300	11,900	13,700	17,900	15,000	19,500	19,000	22,000	14,600	------
1 OR LESS	10,600	10,500	10,600	------	------	------	------	------	------	------
2 TO 4	11,000	10,500	10,700	12,700	------	14,400	14,000	------	------	------
5 TO 9	12,600	11,000	12,000	14,700	12,600	16,500	16,600	------	------	------
10 TO 14	15,400	12,400	14,000	18,000	15,300	18,800	20,000	------	------	------
15 TO 19	18,400	14,500	17,100	20,600	17,000	21,500	22,500	24,000	------	------
20 TO 24	19,600	15,000	19,000	22,200	------	22,200	24,200	------	------	------
25 TO 29	18,900	15,000	17,900	22,400	------	25,000	24,000	------	------	------
30 TO 34	19,000	15,500	19,000	23,900	------	------	28,000	------	------	------
35 TO 39	17,500	15,400	16,200	25,200	------	------	30,000	------	------	------
40 OR MORE	17,100	15,900	19,500	------	------	------	25,000	------	------	------
NO REPORT	14,700	11,500	12,500	17,000	------	19,200	18,300	------	------	------

TABLE A-18. MEDIAN ANNUAL SALARIES OF SCIENTISTS, BY FIELD, YEARS OF PROFESSIONAL EXPERIENCE, AND TYPE OF EMPLOYER, 1970--CONTINUED

SCIENTIFIC AND TECHNICAL FIELD AND YEARS OF PROFESSIONAL EXPERIENCE	TOTAL	TYPE OF EMPLOYER								NO REPORT OF TYPE OF EMPLOYER
		EDUCATIONAL INSTITUTIONS		FEDERAL GOVERNMENT	OTHER GOVERNMENT	NONPROFIT ORGANIZATIONS	INDUSTRY AND BUSINESS	SELF-EMPLOYED	OTHER	
		ACADEMIC YEAR	CALENDAR YEAR							
COMPUTER SCIENCES	16,500	13,500	14,300	16,800	14,400	17,500	16,800	20,000	15,600	------
1 OR LESS	------	------	------	------	------	------	------	------	------	------
2 TO 4	12,600	11,800	11,500	12,700	------	13,500	12,800	------	------	------
5 TO 9	15,000	12,000	12,600	14,900	14,400	14,600	15,300	------	------	------
10 TO 14	18,000	15,000	16,000	17,500	17,000	18,200	18,300	------	------	------
15 TO 19	20,500	------	19,000	20,000	------	21,300	21,000	------	------	------
20 TO 24	21,000	19,000	21,000	21,000	------	21,500	21,800	------	------	------
25 TO 29	21,400	------	------	21,000	------	------	21,400	------	------	------
30 TO 34	21,000	------	------	------	------	------	20,800	------	------	------
35 TO 39	24,300	------	------	------	------	------	------	------	------	------
40 OR MORE	------	------	------	------	------	------	------	------	------	------
NO REPORT	16,000	------	14,600	17,300	------	16,000	16,100	------	------	------
AGRICULTURAL SCIENCES	12,800	12,000	15,000	13,100	10,500	14,000	12,200	12,000	11,800	12,000
1 OR LESS	10,400	------	12,500	9,300	------	------	------	------	------	------
2 TO 4	9,100	10,000	12,000	9,300	8,400	------	9,400	------	------	------
5 TO 9	10,600	10,900	13,800	11,000	9,700	------	10,800	------	------	------
10 TO 14	12,400	12,000	15,000	12,700	10,800	13,400	12,000	12,000	------	------
15 TO 19	14,000	12,500	15,500	14,700	12,000	------	12,700	------	------	------
20 TO 24	15,000	------	17,300	15,600	12,800	14,700	14,400	15,000	------	------
25 TO 29	16,000	------	17,600	16,200	14,000	------	14,700	------	------	------
30 TO 34	17,900	------	19,000	18,000	13,900	------	18,000	------	------	------
35 TO 39	17,400	------	17,500	19,000	12,800	------	15,000	------	------	------
40 OR MORE	17,400	------	19,000	20,000	------	------	------	------	------	------
NO REPORT	13,500	13,000	15,300	14,000	11,000	15,000	13,000	13,500	------	------
BIOLOGICAL SCIENCES	15,000	12,200	17,000	16,300	13,200	17,000	17,000	25,000	13,000	14,000
1 OR LESS	10,000	10,100	9,700	11,000	8,300	8,000	14,100	------	------	------
2 TO 4	10,500	10,400	12,000	12,000	9,400	10,000	13,700	13,000	8,000	------
5 TO 9	12,500	11,400	14,500	14,300	11,500	13,500	15,000	20,000	11,400	------
10 TO 14	15,100	13,000	17,900	16,000	13,200	18,000	17,500	25,000	14,000	14,000
15 TO 19	18,000	14,100	20,000	18,000	14,900	20,000	19,300	25,000	13,600	------
20 TO 24	19,000	15,100	21,200	19,200	15,000	22,000	20,000	25,000	16,000	------
25 TO 29	20,400	15,500	23,000	21,000	16,600	24,500	20,000	30,000	------	------
30 TO 34	21,000	16,000	23,000	22,200	17,100	25,000	22,900	24,000	------	------
35 TO 39	21,000	17,300	23,600	22,000	22,800	26,000	22,500	------	------	------
40 OR MORE	19,500	16,000	20,000	23,400	19,000	21,200	22,000	------	------	------
NO REPORT	14,900	12,500	16,500	16,300	13,500	16,000	16,200	19,800	15,000	14,300
PSYCHOLOGY	15,000	13,000	16,000	18,000	14,500	16,000	19,600	25,000	16,000	17,000
1 OR LESS	10,600	10,500	12,000	------	10,200	11,200	------	------	------	------
2 TO 4	11,800	10,900	13,000	13,800	12,200	12,600	14,500	20,000	------	------
5 TO 9	13,800	12,200	14,700	16,300	14,000	15,000	16,600	24,000	------	------
10 TO 14	15,500	13,700	17,000	17,400	15,000	16,500	20,000	24,000	17,700	------
15 TO 19	17,200	15,000	18,000	19,000	15,500	18,000	22,800	25,000	------	------
20 TO 24	18,000	15,700	18,500	19,500	16,000	18,700	23,000	28,000	------	------
25 TO 29	18,000	16,000	20,000	20,000	15,100	16,800	25,000	25,000	------	------
30 TO 34	18,300	17,200	20,600	20,000	16,500	18,400	24,000	20,000	------	------
35 TO 39	18,500	17,200	19,500	20,000	17,300	------	------	23,000	------	------
40 OR MORE	17,300	17,100	20,000	------	15,500	------	------	------	------	------
NO REPORT	15,000	12,600	16,000	17,400	13,700	15,500	19,500	23,000	------	------
STATISTICS	16,900	13,500	16,500	19,000	15,100	16,500	17,400	------	------	------
1 OR LESS	13,900	------	------	------	------	------	------	------	------	------
2 TO 4	13,000	11,600	14,000	12,800	------	------	13,800	------	------	------
5 TO 9	14,700	12,900	15,000	15,800	------	------	15,700	------	------	------
10 TO 14	17,200	15,500	17,800	17,400	14,500	------	18,000	------	------	------
15 TO 19	19,500	17,800	20,000	20,000	------	------	20,000	------	------	------
20 TO 24	21,000	18,000	22,200	22,000	16,000	------	20,200	------	------	------
25 TO 29	20,400	------	------	22,900	------	------	18,000	------	------	------
30 TO 34	22,400	------	------	23,800	------	------	22,400	------	------	------
35 TO 39	20,000	------	------	------	------	------	------	------	------	------
40 OR MORE	21,000	------	------	------	------	------	------	------	------	------
NO REPORT	16,200	------	------	20,300	------	------	16,200	------	------	------
ECONOMICS	16,300	13,800	18,000	20,000	17,800	20,000	20,000	20,000	17,000	------
1 OR LESS	11,700	11,400	13,000	11,200	------	------	12,000	------	------	------
2 TO 4	12,200	11,800	13,300	13,400	13,000	14,000	14,000	------	------	------
5 TO 9	14,600	13,000	16,000	16,400	16,400	18,900	17,000	------	------	------
10 TO 14	17,000	14,600	17,900	19,200	17,500	21,000	21,000	------	------	------
15 TO 19	19,000	16,300	19,500	20,400	22,300	23,000	23,000	------	------	------
20 TO 24	20,000	17,100	20,500	23,000	22,500	25,500	25,000	------	------	------
25 TO 29	21,000	17,500	20,500	24,000	20,000	------	27,000	------	------	------
30 TO 34	22,000	18,000	21,800	25,200	24,500	------	30,000	------	------	------
35 TO 39	21,500	19,000	20,000	25,200	------	------	28,000	------	------	------
40 OR MORE	21,000	18,000	21,000	25,100	------	------	------	------	------	------
NO REPORT	16,800	13,900	18,000	20,400	17,900	20,000	20,000	------	------	------

TABLE A-18. MEDIAN ANNUAL SALARIES OF SCIENTISTS, BY FIELD, YEARS OF PROFESSIONAL EXPERIENCE, AND TYPE OF EMPLOYER, 1970--CONTINUED

SCIENTIFIC AND TECHNICAL FIELD AND YEARS OF PROFESSIONAL EXPERIENCE	TOTAL	TYPE OF EMPLOYER								NO REPORT OF TYPE OF EMPLOYER
		EDUCATIONAL INSTITUTIONS		FEDERAL GOVERN-MENT	OTHER GOVERN-MENT	NONPROFIT ORGANIZA-TIONS	INDUSTRY AND BUSINESS	SELF-EMPLOYED	OTHER	
		ACADEMIC YEAR	CALENDAR YEAR							
SOCIOLOGY	13,000	12,200	15,000	18,400	12,100	14,700	16,200	------	15,000	------
1 OR LESS	9,500	9,600	10,000	------	------	------	------	------	------	------
2 TO 4	10,300	10,500	11,000	11,300	9,900	10,000	------	------	------	------
5 TO 9	12,000	11,500	14,000	15,000	12,000	14,000	------	------	------	------
10 TO 14	14,500	13,500	16,000	17,400	14,900	15,000	------	------	------	------
15 TO 19	16,300	15,000	18,500	21,600	15,000	------	------	------	------	------
20 TO 24	17,300	16,000	18,500	------	------	21,000	------	------	------	------
25 TO 29	16,900	16,000	18,500	------	------	------	------	------	------	------
30 TO 34	18,000	17,000	17,500	------	------	------	------	------	------	------
35 TO 39	18,000	17,600	20,000	------	------	------	------	------	------	------
40 OR MORE	16,000	15,500	------	------	------	------	------	------	------	------
NO REPORT	13,500	12,700	14,000	19,100	12,000	13,500	------	------	------	------
POLITICAL SCIENCE	13,100	12,000	15,300	18,900	15,400	18,000	17,700	------	13,000	------
1 OR LESS	9,600	10,000	10,000	------	------	------	------	------	------	------
2 TO 4	10,500	10,400	10,600	11,300	10,700	12,000	------	------	------	------
5 TO 9	12,000	11,800	13,300	16,300	14,600	------	------	------	------	------
10 TO 14	14,800	13,600	16,500	18,000	17,500	------	------	------	------	------
15 TO 19	16,700	14,800	19,000	21,000	19,200	------	------	------	------	------
20 TO 24	19,000	17,000	21,000	24,000	------	------	------	------	------	------
25 TO 29	18,500	16,000	20,000	------	------	------	------	------	------	------
30 TO 34	20,000	17,000	22,000	------	------	------	------	------	------	------
35 TO 39	20,000	17,500	------	------	------	------	------	------	------	------
40 OR MORE	20,200	18,700	------	------	------	------	------	------	------	------
NO REPORT	14,000	13,000	16,800	20,300	------	19,000	------	------	------	------
ANTHROPOLOGY	14,700	14,000	15,500	19,800	------	17,000	------	------	15,000	------
1 OR LESS	------	------	------	------	------	------	------	------	------	------
2 TO 4	11,300	11,100	12,000	------	------	------	------	------	------	------
5 TO 9	12,800	12,500	14,000	------	------	------	------	------	------	------
10 TO 14	15,000	14,600	16,500	------	------	------	------	------	------	------
15 TO 19	17,000	16,300	19,000	------	------	------	------	------	------	------
20 TO 24	17,800	17,200	------	------	------	------	------	------	------	------
25 TO 29	18,200	------	------	------	------	------	------	------	------	------
30 TO 34	21,000	------	------	------	------	------	------	------	------	------
35 TO 39	19,500	------	------	------	------	------	------	------	------	------
40 OR MORE	------	------	------	------	------	------	------	------	------	------
NO REPORT	15,800	15,000	15,000	------	------	------	------	------	------	------
LINGUISTICS	12,500	12,500	13,000	15,600	------	10,000	18,000	------	------	------
1 OR LESS	9,800	------	------	------	------	------	------	------	------	------
2 TO 4	10,500	10,500	11,000	------	------	------	------	------	------	------
5 TO 9	11,400	11,500	11,500	------	------	------	------	------	------	------
10 TO 14	13,000	12,300	13,900	------	------	------	------	------	------	------
15 TO 19	14,000	14,000	14,500	------	------	------	------	------	------	------
20 TO 24	15,000	14,600	15,400	------	------	------	------	------	------	------
25 TO 29	16,100	15,700	------	------	------	------	------	------	------	------
30 TO 34	18,600	20,000	------	------	------	------	------	------	------	------
35 TO 39	20,000	------	------	------	------	------	------	------	------	------
40 OR MORE	18,000	------	------	------	------	------	------	------	------	------
NO REPORT	13,000	12,800	15,300	------	------	------	------	------	------	------

NOTE - ALL MEDIAN SALARIES WERE COMPUTED ONLY FOR FULL-TIME EMPLOYED CIVILIAN SCIENTISTS. NO MEDIAN WAS COMPUTED FOR GROUPS WITH FEWER THAN 25 REGISTRANTS REPORTING SALARY.

SOURCE - NATIONAL REGISTER OF SCIENTIFIC AND TECHNICAL PERSONNEL, 1970.

TABLE A-19. MEDIAN ANNUAL SALARIES OF SCIENTISTS, BY FIELD, YEARS OF PROFESSIONAL EXPERIENCE, AND HIGHEST DEGREE, 1970

SCIENTIFIC AND TECHNICAL FIELD AND YEARS OF PROFESSIONAL EXPERIENCE	TOTAL	HIGHEST DEGREE				LESS THAN BACHELOR'S DEGREE	NO REPORT OF DEGREE
		DOCTORATE	PROFESSIONAL MEDICAL	MASTER'S	BACHELOR'S		
ALL FIELDS	15,000	16,500	24,000	13,500	13,900	14,000	14,200
1 OR LESS	10,100	11,000	8,000	9,700	9,000	------	------
2 TO 4	11,100	12,500	12,000	10,500	9,800	------	10,800
5 TO 9	13,100	14,400	19,000	12,000	12,000	------	12,500
10 TO 14	15,400	16,900	24,000	14,300	14,400	12,000	12,700
15 TO 19	17,400	19,000	26,000	16,000	15,600	12,700	14,200
20 TO 24	18,300	20,000	28,000	17,000	16,800	13,500	14,400
25 TO 29	19,100	21,000	28,500	17,000	17,900	14,600	14,900
30 TO 34	20,000	21,500	28,000	17,400	18,500	15,000	16,000
35 TO 39	19,300	20,500	28,000	17,000	18,000	15,600	16,000
40 OR MORE	18,500	20,000	26,500	14,400	18,000	15,000	14,900
NO REPORT	15,000	16,500	23,500	13,500	13,800	13,000	15,000
CHEMISTRY	15,300	17,400	10,000	15,000	13,800	13,500	14,400
1 OR LESS	10,000	12,000	7,000	10,800	9,200	------	------
2 TO 4	11,000	14,800	8,500	11,500	10,100	------	------
5 TO 9	13,000	16,000	------	12,700	12,000	------	------
10 TO 14	15,200	18,000	------	14,600	14,000	------	13,000
15 TO 19	17,000	19,600	------	16,300	15,000	------	14,000
20 TO 24	18,000	21,000	------	17,800	16,500	------	14,400
25 TO 29	19,000	22,000	------	18,100	17,500	13,100	15,000
30 TO 34	19,500	22,000	------	18,000	18,200	15,300	15,000
35 TO 39	18,900	20,400	------	18,500	18,000	------	16,000
40 OR MORE	18,000	20,000	------	15,600	17,600	------	14,900
NO REPORT	16,000	17,800	9,500	15,200	14,300	13,000	15,000
EARTH & MARINE SCIENCES	14,900	15,600	------	14,000	15,000	14,000	14,300
1 OR LESS	9,600	11,000	------	10,200	8,700	------	------
2 TO 4	10,700	11,800	------	10,500	9,600	------	------
5 TO 9	12,500	13,500	------	12,000	12,000	------	------
10 TO 14	14,700	15,400	------	14,600	14,300	------	------
15 TO 19	16,000	17,900	------	16,000	15,600	------	------
20 TO 24	17,900	18,500	------	17,700	17,400	------	15,000
25 TO 29	19,200	20,000	------	18,000	19,500	------	------
30 TO 34	20,000	20,100	------	18,600	20,000	------	------
35 TO 39	19,800	20,200	------	19,000	20,000	------	------
40 OR MORE	20,000	20,000	------	18,200	20,000	------	------
NO REPORT	15,000	16,800	------	13,500	15,300	------	------
ATMOSPHERIC & SPACE SCIENCES	15,200	17,600	------	15,800	15,000	14,000	14,000
1 OR LESS	9,700	------	------	------	9,000	------	------
2 TO 4	11,300	13,400	------	11,500	10,500	------	------
5 TO 9	13,400	14,500	------	13,600	12,700	------	------
10 TO 14	15,000	17,500	------	15,800	14,800	------	11,500
15 TO 19	16,100	18,700	------	17,900	15,600	------	14,200
20 TO 24	16,000	21,000	------	17,500	15,600	------	13,000
25 TO 29	17,400	23,700	------	18,400	17,000	------	14,600
30 TO 34	17,400	23,000	------	19,000	16,100	------	------
35 TO 39	18,400	------	------	------	------	------	------
40 OR MORE	17,400	------	------	------	------	------	------
NO REPORT	15,300	17,200	------	15,800	15,000	------	14,000
PHYSICS	15,900	17,300	------	14,100	14,600	------	13,800
1 OR LESS	10,800	11,000	------	10,800	9,100	------	------
2 TO 4	12,000	12,600	------	11,700	10,900	------	------
5 TO 9	14,000	15,200	------	13,100	13,300	------	------
10 TO 14	17,000	18,500	------	15,300	16,000	------	------
15 TO 19	19,800	21,000	------	18,000	18,400	------	------
20 TO 24	20,700	22,800	------	18,000	19,500	------	------
25 TO 29	22,000	23,500	------	19,600	21,000	------	------
30 TO 34	21,700	24,000	------	17,300	22,000	------	------
35 TO 39	20,900	23,000	------	15,500	22,000	------	------
40 OR MORE	19,200	21,900	------	14,600	15,500	------	------
NO REPORT	13,500	15,000	------	12,500	12,700	------	------
MATHEMATICS	14,300	14,700	------	12,900	17,400	------	15,700
1 OR LESS	10,600	10,600	------	------	------	------	------
2 TO 4	11,000	11,600	------	9,900	8,800	------	------
5 TO 9	12,600	13,000	------	11,300	14,200	------	------
10 TO 14	15,400	15,300	------	13,700	18,500	------	------
15 TO 19	18,400	18,300	------	16,200	21,500	------	------
20 TO 24	19,600	20,100	------	16,800	22,500	------	------
25 TO 29	18,900	20,000	------	14,500	22,000	------	------
30 TO 34	19,000	20,500	------	15,000	24,100	------	------
35 TO 39	17,500	19,000	------	14,000	28,000	------	------
40 OR MORE	17,100	19,200	------	12,300	25,000	------	------
NO REPORT	14,700	14,300	------	14,000	17,000	------	------

TABLE A-19. MEDIAN ANNUAL SALARIES OF SCIENTISTS, BY FIELD, YEARS OF PROFESSIONAL EXPERIENCE, AND HIGHEST DEGREE, 1970--CONTINUED

SCIENTIFIC AND TECHNICAL FIELD AND YEARS OF PROFESSIONAL EXPERIENCE	TOTAL	HIGHEST DEGREE				LESS THAN BACHELOR'S DEGREE	NO REPORT OF DEGREE
		DOCTORATE	PROFESSIONAL MEDICAL	MASTER'S	BACHELOR'S		
COMPUTER SCIENCES	16,500	19,700	------	16,500	16,000	------	------
1 OR LESS	------	------	------	------	------	------	------
2 TO 4	12,600	16,500	------	12,900	12,000	------	------
5 TO 9	15,000	17,400	------	15,000	14,700	------	------
10 TO 14	18,000	20,400	------	18,000	17,800	------	------
15 TO 19	20,500	23,400	------	20,700	20,000	------	------
20 TO 24	21,000	25,000	------	21,000	20,000	------	------
25 TO 29	21,400	24,000	------	21,500	20,000	------	------
30 TO 34	21,000	------	------	20,000	20,600	------	------
35 TO 39	24,300	------	------	------	------	------	------
40 OR MORE	------	------	------	------	------	------	------
NO REPORT	16,000	19,200	------	16,500	15,400	------	------
AGRICULTURAL SCIENCES	12,800	16,300	------	12,500	12,000	------	11,200
1 OR LESS	10,400	12,700	------	8,700	------	------	------
2 TO 4	9,100	13,300	------	9,400	8,400	------	------
5 TO 9	10,600	14,400	------	10,800	10,200	------	------
10 TO 14	12,400	15,600	------	12,700	12,000	------	------
15 TO 19	14,000	16,900	------	13,500	13,000	------	------
20 TO 24	15,000	18,600	------	15,000	14,000	------	------
25 TO 29	16,000	18,600	------	16,000	15,200	------	------
30 TO 34	17,900	21,000	------	16,100	16,000	------	------
35 TO 39	17,400	20,200	------	17,400	16,000	------	------
40 OR MORE	17,400	21,000	------	14,500	14,000	------	------
NO REPORT	13,500	17,000	------	13,300	12,400	------	------
BIOLOGICAL SCIENCES	15,000	16,000	24,600	11,300	10,800	------	14,500
1 OR LESS	10,000	10,000	9,500	8,500	------	------	------
2 TO 4	10,500	12,000	13,800	8,800	7,900	------	------
5 TO 9	12,500	14,000	19,100	10,000	9,600	------	------
10 TO 14	15,100	16,200	24,000	12,000	11,600	------	------
15 TO 19	18,000	18,500	26,000	13,000	12,800	------	------
20 TO 24	19,000	19,700	28,000	13,800	13,500	------	------
25 TO 29	20,400	20,700	28,500	13,500	14,700	------	------
30 TO 34	21,000	21,400	28,100	14,100	16,000	------	------
35 TO 39	21,000	21,000	28,000	13,100	15,600	------	------
40 OR MORE	19,500	20,000	25,500	13,300	15,100	------	------
NO REPORT	14,900	16,000	24,000	11,800	11,500	------	------
PSYCHOLOGY	15,000	16,000	------	13,100	14,600	------	------
1 OR LESS	10,600	11,000	------	9,100	------	------	------
2 TO 4	11,800	12,500	------	10,000	------	------	------
5 TO 9	13,800	14,400	------	12,300	12,900	------	------
10 TO 14	15,500	16,400	------	14,000	15,600	------	------
15 TO 19	17,200	18,000	------	15,000	------	------	------
20 TO 24	18,000	18,900	------	15,000	15,900	------	------
25 TO 29	18,000	19,000	------	14,800	------	------	------
30 TO 34	18,300	19,400	------	14,600	------	------	------
35 TO 39	18,500	20,000	------	15,000	------	------	------
40 OR MORE	17,300	18,000	------	14,000	------	------	------
NO REPORT	15,000	16,000	------	13,000	10,700	------	------
STATISTICS	16,900	17,400	------	16,200	17,000	------	------
1 OR LESS	13,900	13,900	------	------	------	------	------
2 TO 4	13,000	13,500	------	12,900	------	------	------
5 TO 9	14,700	15,000	------	14,500	14,200	------	------
10 TO 14	17,200	18,000	------	16,900	16,200	------	------
15 TO 19	19,500	20,500	------	19,500	17,400	------	------
20 TO 24	21,000	22,800	------	19,800	20,200	------	------
25 TO 29	20,400	23,200	------	19,000	19,500	------	------
30 TO 34	22,400	26,000	------	21,000	21,600	------	------
35 TO 39	20,000	------	------	------	------	------	------
40 OR MORE	21,000	------	------	------	------	------	------
NO REPORT	16,200	16,000	------	16,000	17,400	------	------
ECONOMICS	16,300	17,400	------	14,200	16,300	------	16,500
1 OR LESS	11,700	12,800	------	10,600	------	------	------
2 TO 4	12,200	13,200	------	11,300	11,000	------	------
5 TO 9	14,600	15,000	------	13,300	14,200	------	------
10 TO 14	17,000	17,500	------	15,600	16,900	------	------
15 TO 19	19,000	19,500	------	17,600	20,000	------	------
20 TO 24	20,000	20,000	------	20,000	20,400	------	------
25 TO 29	21,000	21,000	------	20,000	23,700	------	------
30 TO 34	22,000	21,600	------	21,600	27,300	------	------
35 TO 39	21,500	21,500	------	20,500	22,200	------	------
40 OR MORE	21,000	21,000	------	18,300	------	------	------
NO REPORT	16,800	18,000	------	15,100	16,900	------	------

TABLE A-19. MEDIAN ANNUAL SALARIES OF SCIENTISTS, BY FIELD, YEARS OF PROFESSIONAL EXPERIENCE, AND HIGHEST DEGREE, 1970--CONTINUED

SCIENTIFIC AND TECHNICAL FIELD AND YEARS OF PROFESSIONAL EXPERIENCE	TOTAL	HIGHEST DEGREE				LESS THAN BACHELOR'S DEGREE	NO REPORT OF DEGREE
		DOCTORATE	PROFESSIONAL MEDICAL	MASTER'S	BACHELOR'S		
SOCIOLOGY	13,000	15,000	------	10,100	10,000	------	------
1 OR LESS	9,500	10,700	------	9,300	8,500	------	------
2 TO 4	10,300	11,500	------	9,200	8,600	------	------
5 TO 9	12,000	13,100	------	10,700	11,400	------	------
10 TO 14	14,500	15,300	------	11,600	------	------	------
15 TO 19	16,300	17,400	------	13,000	------	------	------
20 TO 24	17,300	18,000	------	13,500	------	------	------
25 TO 29	16,900	18,300	------	12,400	------	------	------
30 TO 34	18,000	18,000	------	16,400	------	------	------
35 TO 39	18,000	18,000	------	------	------	------	------
40 OR MORE	16,000	16,000	------	------	------	------	------
NO REPORT	13,500	15,000	------	10,400	9,000	------	------
POLITICAL SCIENCE	13,100	14,500	------	10,500	10,700	------	------
1 OR LESS	9,600	10,500	------	9,200	------	------	------
2 TO 4	10,500	11,000	------	9,500	------	------	------
5 TO 9	12,000	12,500	------	11,000	------	------	------
10 TO 14	14,800	15,000	------	14,000	------	------	------
15 TO 19	16,700	17,000	------	14,900	------	------	------
20 TO 24	19,000	19,000	------	18,600	------	------	------
25 TO 29	18,500	19,200	------	13,500	------	------	------
30 TO 34	20,000	21,000	------	17,900	------	------	------
35 TO 39	20,000	20,000	------	------	------	------	------
40 OR MORE	20,200	20,500	------	------	------	------	------
NO REPORT	14,000	15,000	------	10,400	------	------	------
ANTHROPOLOGY	14,700	14,800	------	------	------	------	------
1 OR LESS	------	------	------	------	------	------	------
2 TO 4	11,300	11,300	------	------	------	------	------
5 TO 9	12,800	12,400	------	------	------	------	------
10 TO 14	15,000	15,000	------	------	------	------	------
15 TO 19	17,000	17,000	------	------	------	------	------
20 TO 24	17,800	18,000	------	------	------	------	------
25 TO 29	18,200	19,500	------	------	------	------	------
30 TO 34	21,000	20,800	------	------	------	------	------
35 TO 39	19,500	------	------	------	------	------	------
40 OR MORE	------	------	------	------	------	------	------
NO REPORT	15,800	16,000	------	------	------	------	------
LINGUISTICS	12,500	13,500	------	10,300	10,200	------	------
1 OR LESS	9,800	------	------	------	------	------	------
2 TO 4	10,500	10,800	------	8,900	------	------	------
5 TO 9	11,400	11,900	------	10,000	------	------	------
10 TO 14	13,000	13,200	------	11,000	------	------	------
15 TO 19	14,000	14,900	------	11,100	------	------	------
20 TO 24	15,000	15,900	------	------	------	------	------
25 TO 29	16,100	18,000	------	------	------	------	------
30 TO 34	18,600	18,700	------	------	------	------	------
35 TO 39	20,000	20,000	------	------	------	------	------
40 OR MORE	18,000	18,500	------	------	------	------	------
NO REPORT	13,000	14,000	------	11,000	------	------	------

NOTE - ALL MEDIAN SALARIES WERE COMPUTED ONLY FOR FULL-TIME EMPLOYED CIVILIAN SCIENTISTS. NO MEDIAN WAS COMPUTED FOR GROUPS WITH FEWER THAN 25 REGISTRANTS REPORTING SALARY.

SOURCE - NATIONAL REGISTER OF SCIENTIFIC AND TECHNICAL PERSONNEL, 1970.

TABLE B-[illegible]. NUMBER OF SCIENTISTS, BY STATE AND FIELD, 1970

LOCATION	TOTAL	SCIENTIFIC AND TECHNICAL FIELD						
		CHEMISTRY	EARTH & MARINE SCIENCES	ATMOSPHERIC & SPACE SCIENCES	PHYSICS	MATHEMATICS	COMPUTER SCIENCES	AGRICULTURAL SCIENCES
ALL LOCATIONS	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
NEW ENGLAND	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
CONNECTICUT	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
MAINE	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
MASSACHUSETTS	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
NEW HAMPSHIRE	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
RHODE ISLAND	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
VERMONT	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
MIDDLE ATLANTIC	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
NEW JERSEY	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
NEW YORK	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
PENNSYLVANIA	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
EAST NORTH CENTRAL	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
ILLINOIS	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
INDIANA	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
MICHIGAN	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
OHIO	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
WISCONSIN	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
WEST NORTH CENTRAL	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
IOWA	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
KANSAS	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
MINNESOTA	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
MISSOURI	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
NEBRASKA	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
NORTH DAKOTA	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
SOUTH DAKOTA	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
SOUTH ATLANTIC	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
DELAWARE	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
DISTRICT OF COLUMBIA	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
FLORIDA	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
GEORGIA	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
MARYLAND	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
NORTH CAROLINA	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
SOUTH CAROLINA	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
VIRGINIA	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
WEST VIRGINIA	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
EAST SOUTH CENTRAL	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
ALABAMA	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
KENTUCKY	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
MISSISSIPPI	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
TENNESSEE	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
WEST SOUTH CENTRAL	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
ARKANSAS	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
LOUISIANA	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
OKLAHOMA	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
TEXAS	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
MOUNTAIN	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
ARIZONA	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
COLORADO	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
IDAHO	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
MONTANA	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
NEVADA	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
NEW MEXICO	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
UTAH	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
WYOMING	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
PACIFIC	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
ALASKA	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
CALIFORNIA	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
HAWAII	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
OREGON	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
WASHINGTON	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
OUTLYING AREAS	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
CANAL ZONE	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
GUAM	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
PUERTO RICO	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
VIRGIN ISLANDS	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
FOREIGN	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]

SOURCE - NATIONAL REGISTER OF SCIENTIFIC AND TECHNICAL PERSONNEL, 1970.

TABLE [illegible]. NUMBER OF SCIENTISTS, BY STATE AND FIELD, [illegible]--CONTINUED

LOCATION	SCIENTIFIC AND TECHNICAL FIELD							
	BIOLOGICAL SCIENCES	PSYCHOLOGY	STATISTICS	ECONOMICS	SOCIOLOGY	POLITICAL SCIENCE	ANTHROPOLOGY	LINGUISTICS
ALL LOCATIONS	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
NEW ENGLAND	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
CONNECTICUT	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
MAINE	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
MASSACHUSETTS	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
NEW HAMPSHIRE	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
RHODE ISLAND	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
VERMONT	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
MIDDLE ATLANTIC	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
NEW JERSEY	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
NEW YORK	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
PENNSYLVANIA	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
EAST NORTH CENTRAL	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
ILLINOIS	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
INDIANA	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
MICHIGAN	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
OHIO	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
WISCONSIN	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
WEST NORTH CENTRAL	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
IOWA	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
KANSAS	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
MINNESOTA	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
MISSOURI	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
NEBRASKA	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
NORTH DAKOTA	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	-------	-------
SOUTH DAKOTA	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
SOUTH ATLANTIC	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
DELAWARE	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
DISTRICT OF COLUMBIA	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
FLORIDA	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
GEORGIA	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
MARYLAND	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
NORTH CAROLINA	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
SOUTH CAROLINA	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	-------	[illegible]
VIRGINIA	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
WEST VIRGINIA	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	-------
EAST SOUTH CENTRAL	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
ALABAMA	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
KENTUCKY	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
MISSISSIPPI	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	-------	[illegible]
TENNESSEE	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
WEST SOUTH CENTRAL	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
ARKANSAS	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	-------
LOUISIANA	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
OKLAHOMA	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
TEXAS	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
MOUNTAIN	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
ARIZONA	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
COLORADO	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
IDAHO	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
MONTANA	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
NEVADA	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
NEW MEXICO	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
UTAH	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
WYOMING	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	-------
PACIFIC	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
ALASKA	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
CALIFORNIA	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
HAWAII	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
OREGON	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
WASHINGTON	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
OUTLYING AREAS	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
CANAL ZONE	[illegible]	[illegible]	-------	-------	-------	-------	-------	-------
GUAM	[illegible]	[illegible]	-------	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
PUERTO RICO	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
VIRGIN ISLANDS	[illegible]	[illegible]	-------	-------	-------	[illegible]	-------	-------
FOREIGN	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]

TABLE B-21. NUMBER OF SCIENTISTS, BY STATE AND HIGHEST DEGREE, 1970

LOCATION	TOTAL	HIGHEST DEGREE				LESS THAN BACHELOR'S DEGREE	NO REPORT OF DEGREE
		DOCTORATE	PROFESSIONAL MEDICAL	MASTER'S	BACHELOR'S		
ALL LOCATIONS	312,666	125,736	7,786	91,562	81,760	575	7,251
NEW ENGLAND	22,259	9,440	755	6,556	5,181	33	161
CONNECTICUT	6,069	2,957	148	1,567	1,335	6	56
MAINE	925	320	16	314	270	1	4
MASSACHUSETTS	12,477	5,658	517	3,706	2,482	25	88
NEW HAMPSHIRE	1,357	637	79	317	275	------	3
RHODE ISLAND	1,365	610	71	373	366	3	16
VERMONT	625	300	50	186	157	1	4
MIDDLE ATLANTIC	64,459	26,393	2,162	19,018	16,287	120	479
NEW JERSEY	14,757	5,780	361	4,286	4,160	26	150
NEW YORK	32,683	13,721	1,283	9,779	7,626	58	216
PENNSYLVANIA	17,096	6,893	518	4,953	4,501	36	113
EAST NORTH CENTRAL	55,066	21,816	962	16,782	13,306	85	297
ILLINOIS	16,021	6,425	352	5,193	3,917	32	102
INDIANA	6,641	2,996	90	1,989	1,529	6	35
MICHIGAN	10,975	4,616	161	3,609	2,436	19	57
OHIO	13,404	5,221	261	3,934	3,891	22	75
WISCONSIN	6,009	2,960	118	1,977	1,317	7	33
WEST NORTH CENTRAL	20,896	8,505	596	6,526	5,098	25	118
IOWA	3,386	1,519	60	1,116	697	2	10
KANSAS	2,977	1,230	47	912	719	5	16
MINNESOTA	5,916	2,706	176	1,990	1,470	5	29
MISSOURI	5,749	2,330	192	1,703	1,409	10	56
NEBRASKA	1,780	668	50	640	447	2	18
NORTH DAKOTA	746	310	6	249	182	1	8
SOUTH DAKOTA	753	296	3	270	181	------	5
SOUTH ATLANTIC	47,292	19,657	1,200	13,972	12,046	77	350
DELAWARE	2,520	1,663	16	566	688	4	13
DISTRICT OF COLUMBIA	8,057	3,563	147	2,996	2,056	10	57
FLORIDA	5,727	2,376	111	1,756	1,990	16	78
GEORGIA	3,960	1,677	69	1,199	1,005	7	43
MARYLAND	10,725	4,304	500	3,062	2,709	16	54
NORTH CAROLINA	4,912	2,385	166	1,212	1,111	5	35
SOUTH CAROLINA	1,867	750	17	503	576	3	18
VIRGINIA	6,493	2,372	99	2,119	1,858	7	38
WEST VIRGINIA	1,623	500	22	541	650	3	14
EAST SOUTH CENTRAL	11,076	4,715	255	3,082	2,943	20	61
ALABAMA	2,611	945	48	791	815	4	8
KENTUCKY	2,788	1,310	78	735	642	7	16
MISSISSIPPI	1,367	516	23	393	421	4	10
TENNESSEE	4,310	1,944	106	1,163	1,065	5	27
WEST SOUTH CENTRAL	24,797	8,019	370	7,273	8,856	77	196
ARKANSAS	1,097	417	19	329	320	2	10
LOUISIANA	4,382	1,407	68	1,334	1,533	13	27
OKLAHOMA	3,667	1,233	30	1,065	1,296	9	36
TEXAS	15,671	4,962	253	4,569	5,715	53	129
MOUNTAIN	17,782	6,476	210	5,294	5,627	36	131
ARIZONA	2,692	1,080	23	826	727	9	29
COLORADO	5,876	2,140	82	1,890	1,696	8	39
IDAHO	1,318	359	6	390	554	2	7
MONTANA	1,280	366	11	386	504	3	10
NEVADA	741	206	1	223	292	7	12
NEW MEXICO	2,719	1,185	36	740	736	1	18
UTAH	2,271	922	47	569	717	3	13
WYOMING	888	220	4	261	397	3	3
PACIFIC	46,645	17,930	913	13,905	13,466	97	334
ALASKA	735	137	3	235	332	4	24
CALIFORNIA	35,219	13,892	695	10,626	9,687	80	239
HAWAII	1,289	543	14	409	304	2	17
OREGON	3,674	1,289	60	965	1,337	2	21
WASHINGTON	5,728	2,069	141	1,670	1,806	9	33
OUTLYING AREAS	616	230	11	192	158	2	23
CANAL ZONE	49	14	1	17	16	1	------
GUAM	72	7	1	27	27	------	10
PUERTO RICO	473	200	9	142	109	1	12
VIRGIN ISLANDS	22	9	------	6	6	------	1
FOREIGN	4,778	2,006	66	1,262	1,310	23	111

SOURCE - NATIONAL REGISTER OF SCIENTIFIC AND TECHNICAL PERSONNEL, 1970.

TABLE A-22. NUMBER OF SCIENTISTS, BY STATE AND TYPE OF EMPLOYER, 1970

LOCATION	TOTAL	TYPE OF EMPLOYER								NOT EMPLOYED	NO REPORT OF TYPE OF EMPLOYER
		EDUCATIONAL INSTITUTIONS	FEDERAL GOVERNMENT	OTHER GOVERNMENT	NONPROFIT ORGANIZATIONS	INDUSTRY AND BUSINESS	SELF-EMPLOYED	MILITARY	OTHER		
ALL LOCATIONS	312,644	130,389	31,118	11,741	10,311	97,542	6,314	7,245	2,116	12,908	2,320
NEW ENGLAND	22,256	10,615	1,265	656	1,023	6,492	365	291	150	1,181	218
CONNECTICUT	5,546	2,390	175	177	147	2,153	109	47	29	267	52
MAINE	935	469	62	79	45	180	24	15	3	50	8
MASSACHUSETTS	12,677	5,914	837	278	728	3,661	181	156	99	695	128
NEW HAMPSHIRE	1,057	614	92	45	28	155	26	24	12	53	8
RHODE ISLAND	1,365	800	75	30	51	238	12	46	6	90	17
VERMONT	676	428	24	47	24	105	13	3	1	26	5
MIDDLE ATLANTIC	63,822	24,145	1,984	2,074	2,715	27,571	1,307	490	447	2,624	465
NEW JERSEY	14,337	3,079	498	206	302	9,265	251	96	70	488	82
NEW YORK	32,391	13,735	738	1,326	1,776	11,765	831	296	258	1,402	264
PENNSYLVANIA	17,094	7,331	748	542	637	6,541	225	98	119	734	119
EAST NORTH CENTRAL	53,046	25,851	2,311	2,004	1,908	16,713	753	555	361	2,191	419
ILLINOIS	16,020	7,641	586	668	639	5,052	309	209	117	678	121
INDIANA	6,641	3,775	198	130	93	2,009	55	24	18	282	57
MICHIGAN	10,976	5,463	340	462	286	3,601	142	65	55	468	96
OHIO	13,404	5,272	918	393	763	6,942	187	227	116	491	95
WISCONSIN	6,005	3,700	269	351	127	1,109	60	30	35	272	52
WEST NORTH CENTRAL	20,834	11,269	1,497	936	555	4,836	300	357	115	802	167
IOWA	3,364	2,380	145	107	46	453	36	9	12	142	36
KANSAS	2,927	1,749	130	145	67	487	80	60	20	142	27
MINNESOTA	5,516	2,659	318	233	203	1,785	64	16	24	173	41
MISSOURI	5,748	2,599	430	268	181	1,820	85	69	39	211	46
NEBRASKA	1,780	1,026	177	79	18	205	24	157	12	72	10
NORTH DAKOTA	746	414	148	56	8	45	7	28	2	34	4
SOUTH DAKOTA	753	462	149	48	12	41	6	18	6	28	3
SOUTH ATLANTIC	47,292	15,905	12,458	1,663	1,589	10,324	677	2,176	277	1,679	344
DELAWARE	2,928	377	16	31	30	2,331	18	14	8	88	15
DISTRICT OF COLUMBIA	8,857	1,203	5,061	279	672	577	131	566	94	231	43
FLORIDA	5,727	2,908	575	273	109	1,105	148	192	27	340	50
GEORGIA	3,960	1,999	506	164	46	787	67	168	29	153	41
MARYLAND	10,725	2,788	4,462	268	222	1,670	108	693	39	400	75
NORTH CAROLINA	4,912	2,753	334	174	118	1,087	41	89	20	244	50
SOUTH CAROLINA	1,867	889	135	101	10	531	38	54	26	67	16
VIRGINIA	6,493	2,278	1,216	294	359	1,461	104	394	32	308	47
WEST VIRGINIA	1,823	710	153	77	23	775	22	6	2	48	7
EAST SOUTH CENTRAL	10,776	4,963	1,142	436	255	2,994	165	226	159	358	78
ALABAMA	2,611	1,084	438	117	95	633	33	101	15	83	12
KENTUCKY	2,488	1,398	170	99	54	536	38	57	19	95	22
MISSISSIPPI	1,367	644	233	64	11	273	44	45	8	41	4
TENNESSEE	4,310	1,837	301	156	95	1,552	50	23	117	139	40
WEST SOUTH CENTRAL	24,797	8,688	1,648	601	440	10,846	964	524	115	825	146
ARKANSAS	1,097	580	159	45	13	211	20	21	6	35	7
LOUISIANA	4,382	1,716	319	100	58	1,806	154	67	13	141	28
OKLAHOMA	3,647	1,213	255	80	66	1,650	148	88	18	106	23
TEXAS	15,671	5,179	915	376	303	7,179	642	368	78	543	88
MOUNTAIN	17,782	7,492	3,666	806	304	3,614	455	544	134	667	100
ARIZONA	2,692	1,396	373	104	57	497	59	50	20	119	17
COLORADO	5,874	2,214	1,151	188	134	1,443	190	251	37	232	34
IDAHO	1,318	437	413	105	6	259	19	17	28	29	5
MONTANA	1,280	509	406	95	11	147	35	27	6	36	8
NEVADA	741	298	183	54	5	146	17	12	1	22	3
NEW MEXICO	2,718	1,217	521	91	61	520	51	136	35	77	9
UTAH	2,271	1,113	413	95	24	408	42	41	4	113	18
WYOMING	888	308	206	74	6	194	42	10	3	39	6
PACIFIC	46,665	19,649	4,594	2,340	1,842	13,072	1,265	1,101	246	2,194	342
ALASKA	735	189	222	116	3	116	12	49	1	25	2
CALIFORNIA	35,219	14,368	2,786	1,560	1,409	11,071	1,073	802	182	1,706	262
HAWAII	1,289	677	144	81	39	127	13	130	14	59	5
OREGON	3,674	1,779	822	253	72	459	79	22	15	148	25
WASHINGTON	5,728	2,636	620	330	319	1,299	88	98	34	256	48
OUTLYING AREAS	616	290	74	42	12	78	5	84	8	19	4
CANAL ZONE	49	5	16	5	2	4	------	15	1	1	------
GUAM	72	12	4	7	------	------	------	47	1	1	------
PUERTO RICO	473	264	51	26	10	69	5	22	5	17	4
VIRGIN ISLANDS	22	9	3	4	------	5	------	------	1	------	------
FOREIGN	4,778	1,522	479	183	268	1,002	58	937	124	168	37

SOURCE - NATIONAL REGISTER OF SCIENTIFIC AND TECHNICAL PERSONNEL, 1970.

TABLE A-23. NUMBER OF SCIENTISTS, BY STATE AND PRIMARY WORK ACTIVITY, 1970

LOCATION	TOTAL	PRIMARY WORK ACTIVITY										NOT EMPLOYED	NO REPORT OF WORK ACTIVITY
		RESEARCH AND DEVELOPMENT			MANAGEMENT OR ADMINISTRATION		TEACHING	PRO-DUCTION AND INSPEC-TION	CON-SULTING	EXPLORA-TION, FORE-CASTING, REPORTING	OTHER		
		TOTAL (A)	BASIC RESEARCH	APPLIED RESEARCH	TOTAL (B)	OF R&D							
ALL LOCATIONS	312,644	97,078	44,566	40,704	68,708	29,723	72,408	16,086	14,566	14,535	8,113	12,903	8,264
NEW ENGLAND	22,256	7,691	4,041	2,706	4,133	2,018	5,702	830	1,093	494	459	1,181	673
CONNECTICUT	5,546	1,878	853	751	1,149	548	1,307	267	285	113	132	267	149
MAINE	935	164	68	81	215	73	355	39	36	25	23	50	28
MASSACHUSETTS	12,677	4,778	2,613	1,614	2,218	1,207	2,957	417	678	295	236	695	403
NEW HAMPSHIRE	1,057	273	161	81	197	60	391	24	35	27	29	73	28
RHODE ISLAND	1,365	440	269	118	220	88	417	62	34	23	26	70	53
VERMONT	676	158	77	61	135	42	275	21	25	11	13	26	12
MIDDLE ATLANTIC	63,822	21,328	9,134	8,751	14,117	6,823	13,266	3,968	3,698	1,613	1,517	2,624	1,691
NEW JERSEY	14,337	5,630	1,939	2,540	3,586	2,076	1,751	1,326	595	276	357	488	328
NEW YORK	32,391	10,130	4,856	3,880	6,984	3,119	7,369	1,606	2,229	956	794	1,402	921
PENNSYLVANIA	17,094	5,568	2,339	2,331	3,547	1,628	4,146	1,036	874	381	366	734	442
EAST NORTH CENTRAL	53,046	16,448	7,963	6,402	10,568	4,756	14,736	3,086	2,239	1,282	1,215	2,191	1,283
ILLINOIS	16,020	5,070	2,640	1,886	3,310	1,467	4,003	952	853	418	357	678	379
INDIANA	6,641	2,010	1,089	682	1,176	508	2,225	355	151	128	148	292	166
MICHIGAN	10,976	3,400	1,540	1,438	2,111	906	3,156	579	447	263	272	458	280
OHIO	13,404	4,146	1,628	1,405	2,880	1,500	3,339	988	546	394	303	491	319
WISCONSIN	6,005	1,822	1,066	591	1,091	375	2,013	212	242	79	135	272	139
WEST NORTH CENTRAL	20,834	5,719	2,721	2,424	4,016	1,581	6,655	884	977	671	536	802	576
IOWA	3,364	967	567	357	477	179	1,355	102	109	42	72	142	98
KANSAS	2,927	682	366	286	471	160	1,038	126	157	150	80	142	81
MINNESOTA	5,516	1,745	688	761	1,147	540	1,513	210	325	121	140	173	142
MISSOURI	5,748	1,633	750	707	1,260	527	1,528	362	264	189	141	211	160
NEBRASKA	1,780	361	181	158	357	79	653	54	68	115	49	72	51
NORTH DAKOTA	746	184	102	78	129	53	268	19	31	36	22	34	23
SOUTH DAKOTA	753	147	67	77	175	43	300	11	23	18	30	28	21
SOUTH ATLANTIC	45,292	15,539	6,976	7,076	12,421	6,044	8,827	1,913	1,862	2,013	1,588	1,879	1,270
DELAWARE	2,928	1,216	393	607	789	403	203	307	104	51	107	98	64
DISTRICT OF COLUMBIA	6,857	2,668	1,114	1,385	3,378	1,797	736	145	400	668	412	231	219
FLORIDA	5,727	1,638	762	723	1,154	438	1,556	209	285	206	158	340	181
GEORGIA	3,960	978	506	410	993	297	1,134	165	160	133	141	153	123
MARYLAND	10,725	4,684	2,421	1,912	2,559	1,564	1,304	308	393	491	276	400	270
NORTH CAROLINA	4,912	1,560	848	560	938	403	1,464	171	146	123	122	244	144
SOUTH CAROLINA	1,867	418	154	196	674	155	586	129	58	45	38	67	52
VIRGINIA	6,493	1,901	632	1,060	1,702	835	1,373	254	274	247	263	303	171
WEST VIRGINIA	1,823	476	146	223	395	152	471	225	42	49	71	43	46
EAST SOUTH CENTRAL	10,776	2,998	1,419	1,177	2,368	929	3,091	620	305	440	279	358	317
ALABAMA	2,611	689	259	335	675	285	703	131	71	114	65	83	80
KENTUCKY	2,488	606	314	209	456	140	876	155	72	75	73	95	80
MISSISSIPPI	1,367	300	144	144	329	91	417	65	29	111	39	41	36
TENNESSEE	4,310	1,403	702	489	908	413	1,095	269	133	140	102	139	121
WEST SOUTH CENTRAL	24,797	5,825	2,383	2,758	5,003	1,675	5,217	2,170	955	3,531	612	825	659
ARKANSAS	1,097	224	102	114	298	70	359	49	30	42	30	35	30
LOUISIANA	4,382	849	414	372	815	211	1,011	480	136	732	107	141	111
OKLAHOMA	3,647	881	328	458	727	267	793	286	141	523	87	106	103
TEXAS	15,671	3,871	1,539	1,814	3,163	1,127	3,054	1,355	648	2,234	388	543	415
MOUNTAIN	17,782	4,983	2,335	2,290	4,378	1,355	4,018	615	644	1,565	465	667	447
ARIZONA	2,692	772	418	291	558	171	777	83	104	154	65	119	60
COLORADO	5,876	1,657	804	769	1,229	443	1,299	184	280	672	149	232	132
IDAHO	1,318	284	85	174	522	88	258	63	37	53	39	29	34
MONTANA	1,280	220	101	114	446	76	340	29	32	108	38	36	31
NEVADA	741	182	76	93	216	64	140	29	19	76	23	22	32
NEW MEXICO	2,718	1,073	453	539	639	278	433	99	74	191	75	77	57
UTAH	2,271	593	310	239	510	182	597	86	75	168	55	113	74
WYOMING	888	162	88	71	258	53	174	42	23	141	22	39	27
PACIFIC	46,645	15,381	6,836	6,755	10,297	4,156	9,856	1,849	2,557	2,135	1,237	2,194	1,139
ALASKA	735	176	94	81	250	61	91	17	18	114	25	25	19
CALIFORNIA	35,219	12,157	5,233	5,341	7,267	3,326	7,156	1,483	2,101	1,626	868	1,706	855
HAWAII	1,289	416	241	161	277	92	285	38	57	78	47	59	32
OREGON	3,676	844	465	345	1,173	223	979	96	136	100	117	148	81
WASHINGTON	5,728	1,788	803	827	1,330	454	1,345	215	245	217	180	256	152
OUTLYING AREAS	616	119	68	51	144	36	175	34	19	63	16	19	27
CANAL ZONE	49	13	6	7	16	5	4	3	1	5	2	1	4
GUAM	72	3	------	3	23	5	7	------	2	29	4	1	3
PUERTO RICO	473	101	61	40	93	22	160	30	15	27	10	17	20
VIRGIN ISLANDS	22	2	1	1	12	4	4	1	1	2	------	------	------
FOREIGN	4,778	1,049	668	334	1,263	350	865	117	215	728	191	168	182

(A)INCLUDES DEVELOPMENT OR DESIGN. (B)INCLUDES MANAGEMENT OR ADMINISTRATION OF OTHER THAN RESEARCH AND DEVELOPMENT.

SOURCE - NATIONAL REGISTER OF SCIENTIFIC AND TECHNICAL PERSONNEL, 1970.

TABLE A-24. MEDIAN ANNUAL SALARIES OF SCIENTISTS, BY STATE AND FIELD, 1970

LOCATION	TOTAL	SCIENTIFIC AND TECHNICAL FIELD						
		CHEMISTRY	EARTH & MARINE SCIENCES	ATMOSPHERIC & SPACE SCIENCES	PHYSICS	MATHEMATICS	COMPUTER SCIENCES	AGRICULTURAL SCIENCES
ALL LOCATIONS	15,000	15,300	14,900	15,200	15,900	14,300	16,500	12,800
NEW ENGLAND	15,000	15,000	13,500	15,600	16,200	14,400	15,800	12,000
CONNECTICUT	15,000	15,700	14,300	15,600	15,000	15,900	15,700	13,100
MAINE	12,000	13,500	11,400	------	11,800	10,700	------	11,200
MASSACHUSETTS	15,400	15,000	13,500	16,000	17,000	15,000	17,000	13,100
NEW HAMPSHIRE	12,800	12,500	14,200	------	13,500	11,300	------	11,600
RHODE ISLAND	13,600	13,800	13,700	------	15,000	12,000	------	12,500
VERMONT	13,000	13,500	11,000	------	14,000	14,000	------	10,500
MIDDLE ATLANTIC	16,000	16,000	13,500	15,000	16,300	15,700	17,400	13,000
NEW JERSEY	16,400	16,500	13,500	14,700	17,600	16,700	17,500	13,800
NEW YORK	16,000	16,300	14,000	15,300	16,100	16,500	17,900	13,000
PENNSYLVANIA	15,000	15,100	13,200	13,700	15,000	13,400	16,000	12,600
EAST NORTH CENTRAL	14,500	15,000	13,000	14,300	14,300	13,300	15,000	13,000
ILLINOIS	15,000	15,000	13,400	14,200	14,600	14,000	15,000	14,000
INDIANA	13,800	14,500	12,200	13,000	13,000	12,300	14,500	12,400
MICHIGAN	14,700	15,000	13,000	14,600	14,200	13,500	15,000	13,100
OHIO	14,500	15,000	12,500	15,000	15,000	13,300	15,000	12,500
WISCONSIN	13,400	13,200	12,500	12,000	13,000	13,000	14,100	12,500
WEST NORTH CENTRAL	14,000	14,600	13,000	15,000	13,000	12,500	15,000	12,600
IOWA	13,700	13,200	12,800	------	12,800	12,700	14,000	13,500
KANSAS	13,000	13,000	13,600	------	12,000	10,800	13,700	12,000
MINNESOTA	14,900	15,400	13,000	15,000	14,000	14,000	15,800	12,800
MISSOURI	14,500	15,300	12,400	15,200	13,800	13,500	14,700	12,400
NEBRASKA	13,000	12,000	12,800	------	11,200	11,500	14,100	13,000
NORTH DAKOTA	12,900	12,300	12,000	------	------	10,500	------	12,300
SOUTH DAKOTA	12,500	11,300	12,700	------	------	10,500	------	12,400
SOUTH ATLANTIC	16,000	16,000	15,100	16,000	16,200	15,000	16,900	13,600
DELAWARE	18,000	18,500	------	------	17,200	15,000	------	------
DISTRICT OF COLUMBIA	19,000	17,900	17,900	18,400	18,400	20,000	18,500	19,800
FLORIDA	14,100	14,000	14,000	14,400	15,000	13,000	15,300	13,000
GEORGIA	14,300	14,400	13,300	14,000	13,700	13,000	14,500	12,700
MARYLAND	16,900	16,000	15,300	17,800	17,000	16,400	17,200	15,000
NORTH CAROLINA	14,000	15,000	12,200	14,700	13,000	12,200	15,000	13,000
SOUTH CAROLINA	13,700	15,000	12,500	------	14,000	12,000	------	12,000
VIRGINIA	15,000	15,000	15,000	16,000	15,100	16,400	17,400	12,600
WEST VIRGINIA	13,800	15,200	13,700	------	11,300	10,900	------	11,500
EAST SOUTH CENTRAL	14,000	14,500	13,100	14,800	15,000	12,000	14,500	12,400
ALABAMA	14,500	14,500	12,400	15,200	15,400	13,200	15,500	12,800
KENTUCKY	13,200	13,500	13,100	------	12,200	10,200	------	12,000
MISSISSIPPI	13,100	12,900	15,000	------	11,400	10,600	------	12,000
TENNESSEE	14,400	15,300	12,100	15,000	15,700	12,600	14,000	13,000
WEST SOUTH CENTRAL	14,600	15,000	15,500	14,600	14,700	13,000	14,800	12,500
ARKANSAS	13,000	13,200	13,200	------	11,100	12,000	------	12,400
LOUISIANA	14,000	14,700	15,000	14,700	12,000	11,000	14,400	12,400
OKLAHOMA	14,800	15,300	15,300	15,000	13,100	12,700	15,000	13,000
TEXAS	15,000	14,900	15,700	14,300	15,300	13,800	14,700	12,400
MOUNTAIN	14,000	14,200	15,000	16,000	16,600	13,100	15,300	12,200
ARIZONA	13,800	13,100	14,400	14,300	14,500	14,000	16,000	12,500
COLORADO	14,800	13,700	16,100	16,800	15,800	13,700	15,000	13,000
IDAHO	12,500	14,100	12,500	------	14,000	11,300	------	11,500
MONTANA	12,300	12,000	14,000	14,400	11,400	11,000	------	12,000
NEVADA	13,800	14,500	15,000	15,200	16,000	12,000	------	11,900
NEW MEXICO	16,000	17,600	13,600	16,500	18,600	14,500	15,600	12,700
UTAH	13,900	14,500	13,700	16,000	12,800	12,000	15,500	12,800
WYOMING	12,800	13,900	14,300	------	11,600	11,200	------	11,900
PACIFIC	15,000	15,300	15,000	15,000	17,000	15,600	17,100	13,000
ALASKA	15,600	14,400	16,800	15,200	17,000	------	------	14,600
CALIFORNIA	15,800	15,900	15,000	15,300	17,400	16,200	17,300	13,300
HAWAII	14,500	13,500	14,500	16,800	14,000	12,600	17,600	14,200
OREGON	13,000	12,500	13,300	13,800	12,400	12,000	13,500	12,300
WASHINGTON	14,000	14,100	13,100	14,500	15,300	14,000	15,700	12,700
OUTLYING AREAS	13,000	13,000	------	------	12,000	10,000	------	13,500
CANAL ZONE	15,600	------	------	------	------	------	------	------
GUAM	------	------	------	------	------	------	------	------
PUERTO RICO	13,000	13,000	------	------	11,000	9,600	------	------
VIRGIN ISLANDS	------	------	------	------	------	------	------	------
FOREIGN	15,000	14,400	17,200	13,400	11,300	12,700	16,100	16,000

NOTE - ALL MEDIAN SALARIES WERE COMPUTED ONLY FOR FULL-TIME EMPLOYED CIVILIAN SCIENTISTS. NO MEDIAN WAS COMPUTED FOR GROUPS WITH FEWER THAN 25 REGISTRANTS REPORTING SALARY.

SOURCE - NATIONAL REGISTER OF SCIENTIFIC AND TECHNICAL PERSONNEL, 1970.

TABLE A-24. MEDIAN ANNUAL SALARIES OF SCIENTISTS, BY STATE AND FIELD, 1970--CONTINUED

LOCATION	SCIENTIFIC AND TECHNICAL FIELD							
	BIOLOGICAL SCIENCES	PSYCHOLOGY	STATISTICS	ECONOMICS	SOCIOLOGY	POLITICAL SCIENCE	ANTHROPOLOGY	LINGUISTICS
ALL LOCATIONS	15,000	15,000	16,900	16,300	13,000	13,100	14,700	12,500
NEW ENGLAND	14,500	14,400	15,600	15,500	12,600	13,700	15,000	13,000
CONNECTICUT	15,000	14,600	15,500	16,000	13,400	13,400	------	13,000
MAINE	12,000	13,500	------	14,200	------	------	------	------
MASSACHUSETTS	15,000	15,000	17,000	15,500	12,500	14,000	16,000	12,500
NEW HAMPSHIRE	12,800	12,000	------	14,300	12,800	13,000	------	------
RHODE ISLAND	14,200	13,000	------	16,000	11,000	13,500	------	------
VERMONT	14,400	12,500	------	13,000	------	------	------	------
MIDDLE ATLANTIC	16,000	15,400	17,000	16,800	13,600	13,500	15,200	13,000
NEW JERSEY	16,000	15,500	17,800	15,200	12,500	12,900	------	------
NEW YORK	16,800	15,800	17,000	18,000	14,000	14,000	15,400	13,000
PENNSYLVANIA	15,000	14,700	16,500	15,200	12,500	12,400	14,000	12,500
EAST NORTH CENTRAL	14,600	15,000	15,200	16,000	12,500	12,800	15,300	13,000
ILLINOIS	15,000	15,100	17,000	16,700	13,000	13,200	16,000	13,100
INDIANA	14,500	15,000	14,000	15,500	12,000	12,000	------	13,000
MICHIGAN	15,000	15,500	15,400	16,000	13,700	13,000	15,000	13,000
OHIO	14,400	14,100	14,400	15,400	12,300	12,000	------	12,000
WISCONSIN	13,300	14,500	12,700	15,700	12,500	13,000	15,000	13,000
WEST NORTH CENTRAL	14,200	14,700	15,900	15,300	12,000	12,300	13,600	11,800
IOWA	15,000	14,000	17,400	15,000	12,400	12,300	------	------
KANSAS	12,500	15,000	------	14,500	11,000	12,000	------	------
MINNESOTA	15,000	15,500	16,000	15,300	12,000	12,500	------	------
MISSOURI	14,700	14,400	16,800	16,000	13,000	13,600	------	------
NEBRASKA	13,500	13,200	------	15,600	10,600	11,400	------	------
NORTH DAKOTA	13,800	15,000	------	16,200	------	------	------	------
SOUTH DAKOTA	13,400	13,200	------	13,200	------	------	------	------
SOUTH ATLANTIC	16,000	15,500	18,500	18,500	14,000	14,300	16,000	13,600
DELAWARE	14,800	14,500	------	16,500	------	------	------	------
DISTRICT OF COLUMBIA	18,900	19,000	20,500	21,000	18,000	17,500	18,000	15,000
FLORIDA	14,700	14,500	14,700	15,200	13,500	12,000	------	------
GEORGIA	15,300	15,800	15,800	16,000	12,500	12,000	------	------
MARYLAND	17,900	17,000	19,500	16,600	13,700	15,000	------	14,400
NORTH CAROLINA	15,000	14,000	16,500	14,500	13,500	12,500	15,000	------
SOUTH CAROLINA	13,500	13,500	------	15,500	12,000	------	------	------
VIRGINIA	14,400	15,000	17,300	16,500	12,500	12,900	------	11,700
WEST VIRGINIA	13,300	13,500	------	14,000	11,000	12,100	------	------
EAST SOUTH CENTRAL	15,000	14,000	15,200	15,000	12,500	12,000	14,900	------
ALABAMA	15,400	14,400	------	15,000	12,500	12,800	------	------
KENTUCKY	14,500	13,800	------	15,000	12,500	11,800	------	------
MISSISSIPPI	14,000	14,500	------	14,800	13,700	------	------	------
TENNESSEE	15,000	13,600	15,700	14,500	11,400	12,000	------	------
WEST SOUTH CENTRAL	14,100	14,600	15,500	15,000	12,000	12,000	13,500	12,000
ARKANSAS	14,000	13,200	------	15,000	------	------	------	------
LOUISIANA	13,400	13,000	------	14,000	12,500	12,000	------	------
OKLAHOMA	14,000	14,500	------	15,000	11,400	12,600	------	------
TEXAS	14,500	15,000	15,700	15,000	11,600	12,000	13,500	11,500
MOUNTAIN	13,300	13,800	16,200	14,800	12,200	12,700	13,600	12,000
ARIZONA	13,000	13,900	------	14,300	13,000	13,000	13,500	------
COLORADO	13,900	14,200	15,600	15,000	12,000	12,200	------	------
IDAHO	12,700	12,000	------	------	------	------	------	------
MONTANA	12,000	12,000	------	15,000	------	------	------	------
NEVADA	12,600	15,000	------	14,500	------	------	------	------
NEW MEXICO	13,600	14,500	18,500	13,700	------	------	------	------
UTAH	14,500	13,300	------	15,000	12,000	13,000	------	------
WYOMING	12,000	14,000	------	------	------	------	------	------
PACIFIC	14,700	15,100	16,500	15,600	12,700	13,500	14,000	12,500
ALASKA	16,000	------	------	------	------	------	------	------
CALIFORNIA	15,000	15,500	17,000	16,000	12,900	13,500	14,000	13,000
HAWAII	14,800	15,000	------	15,100	13,100	14,200	------	12,100
OREGON	13,800	14,200	------	15,400	12,500	13,200	------	------
WASHINGTON	14,300	14,000	15,200	14,800	12,100	12,900	15,000	------
OUTLYING AREAS	13,000	13,900	------	------	------	------	------	------
CANAL ZONE	------	------	------	------	------	------	------	------
GUAM	------	------	------	------	------	------	------	------
PUERTO RICO	13,000	------	------	------	------	------	------	------
VIRGIN ISLANDS	------	------	------	------	------	------	------	------
FOREIGN	14,100	14,200	17,100	19,500	14,000	13,200	14,300	11,000

TABLE A-25. MEDIAN ANNUAL SALARIES OF SCIENTISTS, BY STATE AND HIGHEST DEGREE, 1970

LOCATION	TOTAL	HIGHEST DEGREE				LESS THAN BACHELOR'S DEGREE	NO REPORT OF DEGREE
		DOCTORATE	PROFESSIONAL MEDICAL	MASTER'S	BACHELOR'S		
ALL LOCATIONS	15,000	16,500	24,000	13,500	13,900	14,000	14,200
NEW ENGLAND	15,000	16,000	22,000	13,200	14,000	14,400	14,500
CONNECTICUT	15,000	16,200	25,000	13,700	14,500	------	14,000
MAINE	12,000	14,200	------	11,000	11,400	------	------
MASSACHUSETTS	15,400	16,300	21,000	14,000	14,300	------	14,700
NEW HAMPSHIRE	12,800	15,000	------	11,000	11,600	------	------
RHODE ISLAND	13,600	15,000	------	11,000	12,500	------	------
VERMONT	13,000	14,000	22,000	11,200	12,000	------	------
MIDDLE ATLANTIC	16,000	17,400	25,000	14,300	14,400	13,500	14,400
NEW JERSEY	16,400	18,100	28,000	15,000	14,500	------	14,000
NEW YORK	16,000	17,500	25,000	14,900	15,000	13,000	15,000
PENNSYLVANIA	15,000	16,200	24,000	13,000	13,500	12,000	14,300
EAST NORTH CENTRAL	14,500	16,000	25,000	13,000	13,000	14,200	14,300
ILLINOIS	15,000	16,600	25,000	13,500	13,400	------	14,900
INDIANA	13,800	16,000	23,900	11,500	12,000	------	14,300
MICHIGAN	14,700	16,500	27,000	13,200	13,000	------	13,500
OHIO	14,500	16,000	23,000	13,000	13,100	------	14,700
WISCONSIN	13,400	15,000	22,000	11,900	11,700	------	12,000
WEST NORTH CENTRAL	14,000	15,600	24,500	11,900	12,500	------	14,500
IOWA	13,700	15,800	24,500	11,300	11,500	------	------
KANSAS	13,000	14,600	25,900	10,500	12,000	------	------
MINNESOTA	14,900	16,000	25,000	13,000	13,400	------	------
MISSOURI	14,500	16,000	22,000	12,300	12,800	------	14,500
NEBRASKA	13,000	14,700	------	10,900	11,700	------	------
NORTH DAKOTA	12,900	14,500	------	10,600	11,100	------	------
SOUTH DAKOTA	12,500	14,000	------	10,800	11,600	------	------
SOUTH ATLANTIC	16,000	17,200	24,000	14,500	14,700	13,800	14,200
DELAWARE	18,000	18,600	------	15,100	15,600	------	------
DISTRICT OF COLUMBIA	19,000	20,400	24,700	18,000	17,400	------	16,500
FLORIDA	14,100	15,500	27,000	12,300	13,000	------	13,000
GEORGIA	14,300	15,900	22,500	12,000	13,000	------	13,000
MARYLAND	16,900	18,000	23,200	15,500	15,200	------	15,000
NORTH CAROLINA	14,000	15,500	25,000	11,400	12,400	------	12,800
SOUTH CAROLINA	13,700	15,300	------	11,400	12,400	------	------
VIRGINIA	15,000	16,000	24,000	14,300	14,400	------	------
WEST VIRGINIA	13,800	16,000	------	11,900	13,100	------	------
EAST SOUTH CENTRAL	14,000	15,400	25,000	12,000	13,000	------	15,000
ALABAMA	14,500	15,900	30,000	12,700	13,500	------	------
KENTUCKY	13,200	14,900	24,000	11,000	12,000	------	------
MISSISSIPPI	13,100	14,500	------	11,000	12,300	------	------
TENNESSEE	14,400	16,000	23,700	12,100	13,500	------	------
WEST SOUTH CENTRAL	14,600	16,000	24,500	13,200	14,100	12,000	14,000
ARKANSAS	13,000	15,000	------	10,800	12,300	------	------
LOUISIANA	14,000	14,500	23,000	13,100	14,000	------	------
OKLAHOMA	14,800	16,000	24,000	13,500	14,400	------	------
TEXAS	15,000	16,300	25,000	13,400	14,300	12,100	14,000
MOUNTAIN	14,000	15,500	25,000	13,000	13,000	------	14,200
ARIZONA	13,800	15,000	------	12,100	12,900	------	------
COLORADO	14,800	15,800	24,000	13,500	14,300	------	13,400
IDAHO	12,500	14,500	------	11,900	11,800	------	------
MONTANA	12,300	14,000	------	11,500	12,000	------	------
NEVADA	13,800	15,500	------	13,500	13,000	------	------
NEW MEXICO	16,000	18,000	25,000	14,400	13,600	------	------
UTAH	13,900	14,500	25,000	13,100	13,100	------	------
WYOMING	12,800	14,100	------	12,000	12,100	------	------
PACIFIC	15,000	16,700	24,000	14,400	14,000	14,300	14,000
ALASKA	15,600	17,900	------	15,600	15,000	------	------
CALIFORNIA	15,800	17,100	24,700	15,000	14,800	14,500	14,400
HAWAII	14,500	15,400	------	12,800	13,500	------	------
OREGON	13,000	14,700	22,500	11,800	12,000	------	------
WASHINGTON	14,000	15,300	21,000	13,000	12,700	------	------
OUTLYING AREAS	13,000	14,500	------	10,000	13,000	------	------
CANAL ZONE	15,600	------	------	------	------	------	------
GUAM	------	------	------	------	------	------	------
PUERTO RICO	13,000	14,400	------	9,800	12,000	------	------
VIRGIN ISLANDS	------	------	------	------	------	------	------
FOREIGN	15,000	14,500	20,000	14,900	16,500	------	14,000

NOTE - ALL MEDIAN SALARIES WERE COMPUTED ONLY FOR FULL-TIME EMPLOYED CIVILIAN SCIENTISTS. NO MEDIAN WAS COMPUTED FOR GROUPS WITH FEWER THAN 25 REGISTRANTS REPORTING SALARY.

SOURCE - NATIONAL REGISTER OF SCIENTIFIC AND TECHNICAL PERSONNEL, 1970

TABLE A-26. MEDIAN ANNUAL SALARIES OF SCIENTISTS, BY STATE AND TYPE OF EMPLOYER, 1970

LOCATION	TOTAL	TYPE OF EMPLOYER								NO REPORT OF TYPE OF EMPLOYER
		EDUCATIONAL INSTITUTIONS		FEDERAL GOVERN-MENT	OTHER GOVERN-MENT	NONPROFIT ORGANIZA-TIONS	INDUSTRY AND BUSINESS	SELF-EMPLOYED	OTHER	
		ACADEMIC YEAR	CALENDAR YEAR							
ALL LOCATIONS	15,000	12,500	15,500	16,100	13,000	16,400	16,700	20,000	14,000	15,000
NEW ENGLAND	15,000	12,700	14,300	17,000	12,000	15,500	17,000	20,000	12,700	15,700
CONNECTICUT	15,000	12,900	14,500	16,300	13,800	15,500	17,100	20,000	------	------
MAINE	12,000	11,500	14,000	14,300	11,100	16,200	13,500	------	------	------
MASSACHUSETTS	15,400	13,000	14,300	17,800	12,100	16,000	17,500	20,000	13,500	------
NEW HAMPSHIRE	12,800	12,000	14,000	14,700	11,000	14,000	15,500	------	------	------
RHODE ISLAND	13,600	12,500	14,500	15,500	10,000	15,600	15,300	------	------	------
VERMONT	13,000	12,000	14,500	------	10,400	------	16,100	------	------	------
MIDDLE ATLANTIC	16,000	12,900	15,500	16,000	14,000	16,200	17,500	23,000	15,000	15,500
NEW JERSEY	16,400	12,400	15,100	16,800	12,000	16,200	17,200	22,000	13,900	------
NEW YORK	16,000	13,500	15,500	16,000	15,000	16,700	18,400	25,000	16,000	17,300
PENNSYLVANIA	15,000	12,000	15,600	15,600	12,500	15,500	16,400	18,000	13,600	15,000
EAST NORTH CENTRAL	14,500	12,500	15,600	15,700	13,200	15,100	16,000	20,000	13,900	14,000
ILLINOIS	15,000	13,000	16,000	15,800	14,800	16,200	16,000	21,000	15,400	14,500
INDIANA	13,800	12,100	15,000	13,400	11,000	13,500	16,200	16,000	------	------
MICHIGAN	14,700	12,600	16,000	13,500	13,700	15,000	16,200	20,000	13,600	------
OHIO	14,500	12,200	15,700	17,000	12,100	15,000	15,500	20,000	13,500	------
WISCONSIN	13,400	12,000	15,000	14,700	11,600	15,000	15,000	18,000	11,000	------
WEST NORTH CENTRAL	14,000	12,000	15,800	14,300	11,500	16,000	16,000	19,000	12,900	13,200
IOWA	13,700	12,000	16,500	16,000	11,800	14,000	15,200	------	------	------
KANSAS	13,000	11,600	15,000	14,200	12,000	17,500	14,600	16,500	------	------
MINNESOTA	14,900	12,600	16,000	14,200	12,000	18,000	16,100	21,800	------	------
MISSOURI	14,500	12,500	16,000	14,200	11,500	15,000	16,200	19,500	13,000	------
NEBRASKA	13,000	11,500	15,200	15,000	10,300	------	14,000	------	------	------
NORTH DAKOTA	12,900	11,000	14,600	14,000	10,000	------	14,400	------	------	------
SOUTH DAKOTA	12,500	11,000	14,000	13,500	9,300	------	12,000	------	------	------
SOUTH ATLANTIC	16,000	12,200	16,000	17,900	13,000	18,000	16,900	20,000	15,000	15,400
DELAWARE	18,000	13,000	13,200	------	12,700	16,000	18,400	------	------	------
DISTRICT OF COLUMBIA	19,000	13,300	17,300	19,700	21,000	19,800	20,000	26,000	17,000	19,200
FLORIDA	14,100	12,000	16,000	15,200	12,000	13,900	15,500	20,000	------	------
GEORGIA	14,300	12,600	17,000	15,200	11,000	13,500	15,000	18,000	12,000	------
MARYLAND	16,900	12,400	16,000	17,900	14,500	16,300	17,400	23,000	15,000	------
NORTH CAROLINA	14,000	12,500	15,400	15,000	11,100	16,000	15,800	15,000	------	------
SOUTH CAROLINA	13,700	12,400	15,400	14,700	11,800	------	15,500	15,000	14,300	------
VIRGINIA	15,000	11,700	15,200	16,900	12,000	20,000	16,300	18,000	15,200	------
WEST VIRGINIA	13,800	10,500	16,000	13,700	9,500	------	15,500	------	------	------
EAST SOUTH CENTRAL	14,000	11,800	15,500	15,800	11,300	15,000	15,000	20,000	16,300	------
ALABAMA	14,500	11,500	16,400	17,400	11,500	15,000	14,200	------	------	------
KENTUCKY	13,200	11,600	15,500	14,700	10,800	15,500	14,500	18,000	------	------
MISSISSIPPI	13,100	11,400	15,500	14,700	9,600	------	13,500	19,000	------	------
TENNESSEE	14,400	12,000	15,000	15,400	12,200	15,800	16,200	22,000	17,000	------
WEST SOUTH CENTRAL	14,600	11,800	16,000	14,700	11,400	14,600	15,600	20,000	13,000	13,900
ARKANSAS	13,000	10,900	15,800	14,000	10,900	------	13,300	------	------	------
LOUISIANA	14,000	11,500	15,000	15,000	10,100	14,600	15,000	18,000	------	------
OKLAHOMA	14,800	11,700	16,000	14,500	12,000	15,000	15,900	17,000	------	------
TEXAS	15,000	12,000	16,000	14,800	11,800	14,600	16,000	20,000	13,000	15,100
MOUNTAIN	14,000	12,000	15,000	14,300	11,000	15,000	15,600	18,000	14,000	13,200
ARIZONA	13,800	12,800	16,000	13,800	10,000	14,000	15,300	------	------	------
COLORADO	14,800	12,000	15,000	16,100	12,300	15,000	16,000	18,000	14,100	------
IDAHO	12,500	11,000	14,200	12,400	10,200	------	14,000	------	14,400	------
MONTANA	12,300	11,500	14,000	13,000	10,200	------	12,900	------	------	------
NEVADA	13,800	12,500	15,500	13,800	11,500	------	15,000	------	------	------
NEW MEXICO	16,000	12,000	15,000	15,000	13,200	17,500	17,200	20,000	17,600	------
UTAH	13,900	12,000	15,400	14,500	11,000	------	15,600	------	------	------
WYOMING	12,800	12,000	14,200	13,100	10,000	------	14,500	------	------	------
PACIFIC	15,000	13,000	15,300	14,700	13,900	17,700	17,300	20,000	14,000	15,400
ALASKA	15,600	13,000	18,600	15,000	15,700	------	16,200	------	------	------
CALIFORNIA	15,800	13,400	15,400	15,600	14,500	18,000	17,700	21,400	14,400	16,000
HAWAII	14,500	12,800	15,300	15,000	13,800	17,000	17,100	------	------	------
OREGON	13,000	12,200	15,000	13,400	11,700	14,000	13,200	14,400	------	------
WASHINGTON	14,000	12,200	15,000	14,000	12,600	16,900	15,600	19,000	12,000	------
OUTLYING AREAS	13,000	11,300	12,700	15,600	10,200	------	15,000	------	------	------
CANAL ZONE	15,600	------	------	------	------	------	------	------	------	------
GUAM	------	------	------	------	------	------	------	------	------	------
PUERTO RICO	13,000	11,200	12,700	15,000	10,200	------	15,700	------	------	------
VIRGIN ISLANDS	------	------	------	------	------	------	------	------	------	------
FOREIGN	15,000	13,000	13,200	18,500	15,500	15,300	17,500	15,000	11,300	------

NOTE - ALL MEDIAN SALARIES WERE COMPUTED ONLY FOR FULL-TIME EMPLOYED CIVILIAN SCIENTISTS. NO MEDIAN WAS COMPUTED FOR GROUPS WITH FEWER THAN 25 REGISTRANTS REPORTING SALARY.

SOURCE - NATIONAL REGISTER OF SCIENTIFIC AND TECHNICAL PERSONNEL, 1970.

TABLE A-27. MEDIAN ANNUAL SALARIES OF SCIENTISTS, BY STATE AND PRIMARY WORK ACTIVITY, 1970

LOCATION	TOTAL	PRIMARY WORK ACTIVITY											NO REPORT OF WORK ACTIVITY
		RESEARCH AND DEVELOPMENT			MANAGEMENT OR ADMINISTRATION		TEACHING		PRO-DUCTION AND INSPEC-TION	CON-SULTING	EXPLORA-TION, FORE-CASTING, REPORTING	OTHER	
		TOTAL (A)	BASIC RESEARCH	APPLIED RESEARCH	TOTAL (B)	OF R&D	ACADEMIC YEAR	CALENDAR YEAR					
ALL LOCATIONS - - -	15,000	15,000	14,700	15,800	19,200	20,700	12,000	15,000	13,600	16,400	14,500	14,000	15,500
NEW ENGLAND - - - - -	15,000	15,000	14,000	16,200	20,000	20,600	12,300	13,500	14,000	16,500	13,600	14,000	15,500
CONNECTICUT - - - - - -	15,000	15,000	13,700	16,000	20,000	21,000	12,100	13,400	14,000	16,200	13,600	15,000	15,700
MAINE - - - - - - - - -	12,000	13,800	14,300	13,200	14,000	16,500	11,500	12,500	12,500	15,000	------	------	------
MASSACHUSETTS - - - - -	15,400	15,300	14,000	16,900	20,000	21,600	12,700	13,600	14,000	17,000	14,000	14,500	16,000
NEW HAMPSHIRE - - - - -	12,800	14,700	14,000	15,200	14,600	17,000	12,000	12,600	------	13,000	------	------	------
RHODE ISLAND - - - - -	13,600	13,700	12,500	15,000	18,800	19,000	11,700	14,400	13,700	------	------	------	13,000
VERMONT - - - - - - - -	13,000	14,000	14,000	15,000	15,000	18,000	12,000	13,500	------	------	------	------	------
MIDDLE ATLANTIC - - -	16,000	15,600	15,200	16,000	20,700	22,000	12,300	14,700	14,200	17,000	14,700	15,000	16,000
NEW JERSEY - - - - - - -	16,400	16,000	16,000	16,200	21,000	22,000	12,000	15,100	14,300	17,000	14,000	14,800	17,900
NEW YORK - - - - - - - -	16,000	15,800	15,000	16,300	21,500	22,300	13,000	14,500	14,900	17,400	15,100	15,900	16,500
PENNSYLVANIA - - - - - -	15,000	15,000	14,900	15,500	19,600	20,500	11,500	15,000	13,300	15,600	14,000	13,400	15,000
EAST NORTH CENTRAL - -	14,500	14,500	14,100	15,000	19,000	20,000	12,100	15,400	13,300	16,000	13,400	13,400	15,000
ILLINOIS - - - - - - - -	15,000	14,500	14,500	14,700	20,000	20,000	12,500	16,000	13,700	16,800	14,100	13,700	15,100
INDIANA - - - - - - - -	13,800	14,700	13,500	15,400	18,500	20,400	12,000	15,500	13,200	14,900	13,000	12,000	15,000
MICHIGAN - - - - - - - -	14,700	15,000	14,200	15,100	19,000	20,000	12,500	15,400	13,500	16,100	13,400	14,000	14,500
OHIO - - - - - - - - - -	14,500	14,700	14,900	15,000	18,800	19,300	12,000	15,000	13,000	15,800	13,100	13,100	15,600
WISCONSIN - - - - - - -	13,400	13,500	13,000	14,300	17,500	18,400	11,500	15,000	12,600	15,200	12,400	12,300	14,300
WEST NORTH CENTRAL - -	14,000	14,400	14,200	14,700	17,800	19,000	11,900	15,000	12,700	16,000	14,600	12,700	15,000
IOWA - - - - - - - - - -	13,700	14,100	14,000	14,300	18,000	19,000	11,900	16,500	12,000	14,200	13,000	11,700	14,200
KANSAS - - - - - - - - -	13,000	13,500	13,500	13,500	16,500	17,600	11,200	14,500	12,300	16,700	14,000	12,000	13,500
MINNESOTA - - - - - - -	14,900	15,000	14,400	15,300	18,400	19,400	12,100	16,400	13,200	16,200	14,000	13,200	16,000
MISSOURI - - - - - - - -	14,500	14,700	14,700	15,000	18,500	19,500	12,200	15,000	12,700	15,000	13,500	13,200	15,500
NEBRASKA - - - - - - - -	13,000	13,900	13,100	14,300	15,000	16,000	11,500	14,900	12,000	15,600	14,600	11,500	14,000
NORTH DAKOTA - - - - - -	12,900	13,800	13,800	13,500	14,500	17,000	11,000	14,000	------	16,000	13,100	------	------
SOUTH DAKOTA - - - - - -	12,500	13,100	13,400	13,000	13,200	16,700	11,000	14,000	------	------	------	------	------
SOUTH ATLANTIC - - -	16,000	15,800	15,200	16,300	20,400	22,000	12,000	15,400	14,000	17,000	15,000	15,000	16,300
DELAWARE - - - - - - - -	18,000	17,000	16,600	17,100	23,400	23,100	12,800	13,000	16,800	17,400	16,400	17,500	19,400
DISTRICT OF COLUMBIA - -	19,000	17,000	16,100	17,400	22,700	23,700	13,100	17,700	16,000	20,400	16,300	18,000	20,000
FLORIDA - - - - - - - -	14,100	14,600	13,800	15,000	17,500	19,100	11,900	15,500	12,900	15,000	13,700	13,200	15,000
GEORGIA - - - - - - - -	14,300	14,500	14,000	15,000	17,000	19,000	12,500	17,500	13,700	16,000	13,100	14,000	13,900
MARYLAND - - - - - - - -	16,900	16,100	16,000	16,400	21,600	22,300	12,000	16,000	13,800	17,500	15,300	15,000	17,000
NORTH CAROLINA - - - - -	14,000	14,700	14,100	15,400	18,000	20,000	12,100	14,500	14,000	14,700	13,100	12,000	15,000
SOUTH CAROLINA - - - - -	13,700	14,300	12,000	15,000	16,500	19,500	12,200	14,500	13,500	15,200	12,400	11,700	13,500
VIRGINIA - - - - - - - -	15,000	15,200	14,300	16,300	19,000	20,500	11,500	14,300	13,500	17,400	14,700	14,600	15,000
WEST VIRGINIA - - - - -	13,800	14,700	14,700	15,000	17,500	20,700	10,500	15,000	13,000	15,000	13,100	13,400	14,300
EAST SOUTH CENTRAL - -	14,000	15,000	15,200	15,000	17,500	19,500	11,500	14,400	12,900	15,000	13,600	13,000	14,000
ALABAMA - - - - - - - -	14,500	15,200	15,000	15,400	17,600	19,700	11,300	14,500	12,300	15,000	13,900	13,000	15,200
KENTUCKY - - - - - - - -	13,200	14,300	14,200	14,700	17,200	18,200	11,100	14,500	12,400	15,000	12,600	12,500	15,000
MISSISSIPPI - - - - - -	13,100	13,500	13,100	14,000	15,400	18,000	11,000	15,000	12,900	------	14,100	11,300	12,500
TENNESSEE - - - - - - -	14,400	15,600	16,500	15,200	18,600	19,900	11,800	13,400	13,300	14,600	13,600	13,700	14,000
WEST SOUTH CENTRAL - -	14,600	15,000	14,400	15,300	18,000	19,600	11,500	15,700	13,600	16,000	14,900	13,100	15,000
ARKANSAS - - - - - - - -	13,000	14,800	14,600	14,500	14,300	16,700	10,900	14,300	12,100	17,100	------	------	------
LOUISIANA - - - - - - -	14,000	14,000	13,500	14,500	17,000	19,000	11,400	14,500	13,500	15,000	15,000	12,400	13,800
OKLAHOMA - - - - - - - -	14,800	15,200	15,600	15,000	19,000	20,000	11,500	15,000	13,500	15,200	14,800	13,700	15,000
TEXAS - - - - - - - - -	15,000	15,000	14,400	15,600	18,700	20,000	11,700	16,500	13,600	16,500	14,800	13,100	15,600
MOUNTAIN - - - - - - -	14,000	15,000	15,000	15,700	15,500	19,200	12,000	14,000	12,700	15,000	14,400	12,200	14,400
ARIZONA - - - - - - - -	13,800	14,300	13,400	14,700	16,600	19,400	12,500	16,200	11,600	14,600	13,500	12,000	13,100
COLORADO - - - - - - - -	14,800	15,500	16,000	15,400	17,800	20,000	12,000	13,700	13,000	15,000	15,000	12,700	15,000
IDAHO - - - - - - - - -	12,500	14,000	13,900	14,000	12,600	18,000	11,000	14,000	12,700	11,900	13,500	10,200	12,000
MONTANA - - - - - - - -	12,300	13,100	13,000	13,100	12,400	15,000	11,400	13,000	11,000	------	14,100	12,000	------
NEVADA - - - - - - - - -	13,800	13,800	13,100	14,200	15,200	18,000	12,500	------	13,400	------	14,000	------	15,800
NEW MEXICO - - - - - - -	16,000	17,600	17,900	17,500	17,400	22,000	11,800	14,000	12,300	17,300	14,400	14,500	17,100
UTAH - - - - - - - - - -	13,900	14,000	13,500	14,300	16,000	18,000	12,000	14,500	13,600	15,000	13,600	13,400	14,600
WYOMING - - - - - - - -	12,800	13,500	13,000	13,500	13,000	17,500	12,000	------	12,000	------	14,100	------	------
PACIFIC - - - - - - -	15,000	15,500	14,300	16,000	18,400	21,000	13,000	15,000	13,500	16,300	14,500	13,800	16,000
ALASKA - - - - - - - - -	15,600	15,000	16,500	14,400	16,200	17,900	13,000	------	------	------	15,500	------	------
CALIFORNIA - - - - - - -	15,800	16,000	14,700	16,600	20,000	21,800	13,000	15,000	14,000	16,800	14,500	14,400	16,000
HAWAII - - - - - - - - -	14,500	14,200	13,500	14,400	19,400	20,400	12,600	14,000	13,500	14,500	14,800	14,700	------
OREGON - - - - - - - - -	13,000	13,400	12,900	14,000	13,500	16,000	12,000	15,600	12,300	14,400	12,700	11,700	13,600
WASHINGTON - - - - - - -	14,000	14,400	13,900	14,700	16,200	19,000	12,000	15,000	12,400	15,000	13,400	12,000	15,000
OUTLYING AREAS - - -	13,000	13,000	14,000	12,200	16,200	17,500	11,000	11,000	12,000	------	------	------	------
CANAL ZONE - - - - - - -	15,600	------	------	------	------	------	------	------	------	------	------	------	------
GUAM - - - - - - - - - -	------	------	------	------	------	------	------	------	------	------	------	------	------
PUERTO RICO - - - - - -	13,000	13,300	14,300	12,100	17,000	------	11,000	11,100	11,600	------	------	------	------
VIRGIN ISLANDS - - - - -	------	------	------	------	------	------	------	------	------	------	------	------	------
FOREIGN - - - - - - -	15,000	13,000	11,000	15,600	20,100	21,000	12,800	13,000	15,400	14,000	16,000	15,800	16,000

(A)INCLUDES DEVELOPMENT OR DESIGN. (B)INCLUDES MANAGEMENT OR ADMINISTRATION OF OTHER THAN RESEARCH OR DEVELOPMENT.

NOTE - ALL MEDIAN SALARIES WERE COMPUTED ONLY FOR FULL-TIME EMPLOYED CIVILIAN SCIENTISTS. NO MEDIAN WAS COMPUTED FOR GROUPS WITH FEWER THAN 25 REGISTRANTS REPORTING SALARY.

SOURCE - NATIONAL REGISTER OF SCIENTIFIC AND TECHNICAL PERSONNEL, 1970.

TABLE A-28. NUMBER AND MEDIAN ANNUAL SALARIES OF FULL-TIME EMPLOYED CIVILIAN SCIENTISTS, BY STANDARD METROPOLITAN STATISTICAL AREA, 1970

LOCATION	TOTAL	MEDIAN ANNUAL SALARY
ALL LOCATIONS	312,644	15,000
STANDARD METROPOLITAN STATISTICAL AREAS	239,259	15,500
ABILENE, TEX.	145	11,100
AKRON, OHIO	1,478	14,600
ALBANY, GA.	40	10,900
ALBANY-SCHENECTADY-TROY, N.Y.	1,968	15,600
ALBUQUERQUE, N.MEX.	1,012	16,500
ALLENTOWN-BETHLEHEM-EASTON, PA.-N.J.	813	14,400
ALTOONA, PA.	48	10,600
AMARILLO, TEX.	206	14,400
ANAHEIM-SANTA ANA-GARDEN GROVE, CALIF.	1,912	16,600
ANDERSON, IND.	35	11,000
ANN ARBOR, MICH.	2,271	15,000
ASHEVILLE, N.C.	187	13,900
ATLANTA, GA.	1,836	15,000
ATLANTIC CITY, N.J.	81	13,000
AUGUSTA, GA.-S.C.	360	15,600
AUSTIN, TEX.	1,296	14,200
BAKERSFIELD, CALIF.	579	16,000
BALTIMORE, MD.	3,327	15,300
BATON ROUGE, LA.	900	14,600
BAY CITY, MICH.	72	12,600
BEAUMONT-PORT ARTHUR-ORANGE, TEX.	445	14,500
BILLINGS, MONT.	160	13,200
BILOXI-GULFPORT, MISS.	77	13,400
BINGHAMTON, N.Y.-PA.	515	16,000
BIRMINGHAM, ALA.	447	15,000
BLOOMINGTON-NORMAL, ILL.	252	14,400
BOISE CITY, IDAHO	181	13,500
BOSTON, MASS.	9,268	16,000
BRIDGEPORT, CONN.	330	13,000
BROCKTON, MASS.	86	13,200
BROWNSVILLE-HARLINGEN-SAN BENITO, TEX.	40	14,000
BUFFALO, N.Y.	2,037	15,000
CANTON, OHIO	152	12,000
CEDAR RAPIDS, IOWA	153	14,000
CHAMPAIGN-URBANA, ILL.	2,058	14,500
CHARLESTON, S.C.	256	15,000
CHARLESTON, W.VA.	503	15,700
CHARLOTTE, N.C.	368	14,400
CHATTANOOGA, TENN.-GA.	238	13,700
CHICAGO, ILL.	10,445	15,400
CINCINNATI, OHIO-KY.-IND.	1,884	15,000
CLEVELAND, OHIO	3,123	15,200
COLORADO SPRINGS, COLO.	422	14,000
COLUMBIA, S.C.	402	13,500
COLUMBUS, GA.-ALA.	89	12,100
COLUMBUS, OHIO	2,396	14,600
CORPUS CHRISTI, TEX.	523	14,400
DALLAS, TEX.	2,166	16,000
DAVENPORT-ROCK ISLAND-MOLINE, IOWA-ILL.	246	13,700
DAYTON, OHIO	1,345	15,800
DECATUR, ILL.	122	15,600
DENVER, COLO.	4,066	15,500
DES MOINES, IOWA	286	14,000
DETROIT, MICH.	3,203	15,000
DUBUQUE, IOWA	78	10,900
DULUTH-SUPERIOR, MINN.-WIS.	284	12,000
DURHAM, N.C.	1,714	15,700
EL PASO, TEX.	249	13,000
ERIE, PA.	224	13,200
EUGENE, OREG.	606	13,100
EVANSVILLE, IND.-KY.	269	14,500
FALL RIVER, MASS.-R.I.	47	12,500
FARGO-MOORHEAD, N.DAK.-MINN.	336	13,500
FAYETTEVILLE, N.C.	72	10,500
FITCHBURG-LEOMINSTER, MASS.	85	15,000
FLINT, MICH.	192	14,000
FORT LAUDERDALE-HOLLYWOOD, FLA.	165	14,100
FORT SMITH, ARK.-OKLA.	29	-----
FORT WAYNE, IND.	242	13,300
FORT WORTH, TEX.	779	14,000
FRESNO, CALIF.	371	13,500
GADSDEN, ALA.	10	-----
GALVESTON-TEXAS CITY, TEX.	295	15,000
GARY-HAMMOND-EAST CHICAGO, IND.	564	15,000
GRAND RAPIDS, MICH.	337	12,600
GREAT FALLS, MONT.	69	12,400
GREEN BAY, WIS.	102	12,000
GREENSBORO-WINSTON-SALEM-HIGH POINT, N.C.	561	14,300
GREENVILLE, S.C.	142	13,500
HAMILTON-MIDDLETOWN, OHIO	288	12,900
HARRISBURG, PA.	577	13,300
HARTFORD, CONN.	1,042	16,000
HONOLULU, HAWAII	1,140	14,600
HOUSTON, TEX.	4,873	16,000
HUNTINGTON-ASHLAND, W.VA.-KY.-OHIO	194	12,000
HUNTSVILLE, ALA.	568	16,300
INDIANAPOLIS, IND.	1,312	15,500
JACKSON, MICH.	74	14,000
JACKSON, MISS.	308	14,300
JACKSONVILLE, FLA.	229	12,600
JERSEY CITY, N.J.	538	14,000
JOHNSTOWN, PA.	88	10,500
KALAMAZOO, MICH.	704	16,200
KANSAS CITY, MO.-KANS.	1,238	14,400
KENOSHA, WIS.	61	11,600
KNOXVILLE, TENN.	1,633	15,900
LAFAYETTE, LA.	372	13,900
LAFAYETTE-WEST LAFAYETTE, IND.	1,420	15,000
LAKE CHARLES, LA.	156	12,700
LANCASTER, PA.	430	14,000
LANSING, MICH.	1,673	15,000
LAREDO, TEX.	18	-----
LAS VEGAS, NEV.	237	14,600
LAWRENCE-HAVERHILL, MASS.-N.H.	148	12,700
LAWTON, OKLA.	68	11,300
LEWISTON-AUBURN, MAINE	34	12,000
LEXINGTON, KY.	802	14,500
LIMA, OHIO	63	12,000
LINCOLN, NEBR.	728	13,700
LITTLE ROCK-NORTH LITTLE ROCK, ARK.	277	15,000
LORAIN-ELYRIA, OHIO	209	14,000
LOS ANGELES-LONG BEACH, CALIF.	11,360	16,300
LOUISVILLE, KY.-IND.	697	14,000
LOWELL, MASS.	204	15,200
LUBBOCK, TEX.	355	14,400
LYNCHBURG, VA.	126	13,000
MACON, GA.	103	12,300
MADISON, WIS.	2,404	14,600
MANCHESTER, N.H.	51	11,900
MANSFIELD, OHIO	35	10,200
MAYAGUEZ, P.R.	96	12,300
MCALLEN-PHARR-EDENBURG, TEX.	103	14,000
MEMPHIS, TENN.-ARK.	594	14,000
MERIDEN, CONN.	17	-----
MIAMI, FLA.	958	14,700
MIDLAND, TEX.	606	15,200
MILWAUKEE, WIS.	1,481	14,000
MINNEAPOLIS-ST. PAUL, MINN.	3,975	15,600
MOBILE, ALA.	194	12,400
MONROE, LA.	129	11,800
MONTGOMERY, ALA.	144	13,500
MUNCIE, IND.	172	13,000
MUSKEGON-MUSKEGON HEIGHTS, MICH.	82	14,500
NASHVILLE, TENN.	753	14,000
NEW BEDFORD, MASS.	67	13,200
NEW BRITAIN, CONN.	100	12,000
NEW HAVEN, CONN.	1,463	14,700
NEW LONDON-GROTON-NORWICH, CONN.	390	16,000
NEW ORLEANS, LA.	1,786	15,000
NEW YORK, N.Y.	19,184	17,000
NEWARK, N.J.	5,335	17,000
NEWPORT NEWS-HAMPTON, VA.	325	15,200
NORFOLK-PORTSMOUTH, VA.	389	12,800
NORWALK, CONN.	248	17,300
ODESSA, TEX.	55	12,300
OGDEN, UTAH	202	13,700
OKLAHOMA CITY, OKLA.	1,311	14,500
OMAHA, NEBR.-IOWA	646	14,400
ORLANDO, FLA.	343	14,500
OXNARD-VENTURA, CALIF.	342	15,200
PATERSON-CLIFTON-PASSAIC, N.J.	1,711	16,000
PENSACOLA, FLA.	261	14,600
PEORIA, ILL.	372	14,700
PHILADELPHIA, PA.-N.J.	8,390	15,600
PHOENIX, ARIZ.	1,044	14,000
PINE BLUFF, ARK.	28	14,400
PITTSBURGH, PA.	3,914	15,700
PITTSFIELD, MASS.	91	15,000
PONCE, P.R.	25	-----
PORTLAND, MAINE	130	13,000
PORTLAND, OREG.-WASH.	1,297	14,100
PROVIDENCE-PAWTUCKET-WARWICK, R.I.-MASS.	981	13,400
PROVO-OREM, UTAH	351	12,700
PUEBLO, COLO.	76	12,600
RACINE, WIS.	149	15,000
RALEIGH, N.C.	915	15,000
READING, PA.	221	13,000
RENO, NEV.	346	14,300
RICHMOND, VA.	769	14,700
ROANOKE, VA.	126	12,600
ROCHESTER, N.Y.	2,553	16,500
ROCKFORD, ILL.	110	12,200
SACRAMENTO, CALIF.	1,882	15,000
SAGINAW, MICH.	53	13,300
SALEM, OREGON	180	12,200
SALINAS-MONTEREY, CALIF.	448	15,200
ST. JOSEPH, MO.	47	10,600
ST. LOUIS, MO.-ILL.	3,310	15,300
SALT LAKE CITY, UTAH	1,113	15,000
SAN ANGELO, TEX.	60	12,000
SAN ANTONIO, TEX.	809	14,700
SAN BERNARDINO-RIVERSIDE-ONTARIO, CALIF.	1,355	14,200

TABLE A-28. NUMBER AND MEDIAN ANNUAL SALARIES OF FULL-TIME EMPLOYED CIVILIAN SCIENTISTS, BY STANDARD METROPOLITAN STATISTICAL AREA, 1970--CONTINUED

LOCATION	TOTAL	MEDIAN ANNUAL SALARY	LOCATION	TOTAL	MEDIAN ANNUAL SALARY
STANDARD METROPOLITAN STATISTICAL AREAS - CONTINUED			TERRE HAUTE, IND.	273	13,400
			TEXARKANA, TEX.-ARK.	16	-----
			TOLEDO, OHIO-MICH.	755	14,000
SAN DIEGO, CALIF.	2,256	15,000	TOPEKA, KANS.	220	13,200
SAN FRANCISCO-OAKLAND, CALIF.	8,099	16,000	TRENTON, N.J.	1,864	16,400
SAN JOSE, CALIF.	3,681	17,000	TUCSON, ARIZ.	1,131	14,300
SAN JUAN, P.R.	288	13,300	TULSA, OKLA.	655	15,500
SANTA BARBARA, CALIF.	789	15,000	TUSCALOOSA, ALA.	266	13,900
SAVANNAH, GA.	151	13,400	TYLER, TEX.	94	13,400
SCRANTON, PA.	104	10,800	UTICA-ROME, N.Y.	249	13,000
SEATTLE-EVERETT, WASH.	2,784	14,600	VALLEJO-NAPA, CALIF.	202	13,000
SHERMAN-DENISON, TEX.	47	12,000	VINELAND-MILLVILLE-BRIDGETON, N.J.	36	13,700
SHREVEPORT, LA.	297	13,700	WACO, TEX.	139	14,000
SIOUX CITY, IOWA-NEB.	52	10,600	WASHINGTON, D.C.-MD.-VA.	17,711	18,500
SIOUX FALLS, S.DAK.	73	11,600	WATERBURY, CONN.	213	15,000
SOUTH BEND, IND.	499	12,400	WATERLOO, IOWA	103	12,000
SPOKANE, WASH.	227	12,000	WEST PALM BEACH, FLA.	236	13,700
SPRINGFIELD, ILL.	108	14,500	WHEELING, W.VA.-OHIO	92	10,100
SPRINGFIELD, MO.	122	11,800	WICHITA, KANS.	477	13,500
SPRINGFIELD, OHIO	64	12,000	WICHITA FALLS, TEX.	113	12,000
SPRINGFIELD-CHICOPEE-HOLYOKE, MASS.-CONN.	568	14,000	WILKES-BARRE-HAZLETON, PA.	140	11,300
STAMFORD, CONN.	612	17,100	WILMINGTON, DEL.-N.J.-MD.	3,141	18,000
STEUBENVILLE-WEIRTON, OHIO-W.VA.	60	11,800	WILMINGTON, N.C.	58	12,500
STOCKTON, CALIF.	166	13,100	WORCESTER, MASS.	480	14,000
SYRACUSE, N.Y.	1,423	14,900	YORK, PA.	165	12,100
TACOMA, WASH.	393	12,600	YOUNGSTOWN-WARREN, OHIO	151	12,400
TALLAHASSEE, FLA.	749	13,100			
TAMPA-ST. PETERSBURG, FLA.	571	14,400	OTHER LOCATIONS	73,385	13,500

NOTE - ALL MEDIAN SALARIES WERE COMPUTED ONLY FOR FULL-TIME EMPLOYED CIVILIAN SCIENTISTS. NO MEDIAN WAS COMPUTED FOR GROUPS WITH FEWER THAN 25 REGISTRANTS REPORTING SALARY.

SOURCE - NATIONAL REGISTER OF SCIENTIFIC AND TECHNICAL PERSONNEL, 1970

TABLE A-29. NUMBER OF SCIENTISTS, BY STANDARD METROPOLITAN STATISTICAL AREA AND FIELD, 1970

LOCATION	TOTAL	SCIENTIFIC AND TECHNICAL FIELD						
		CHEMISTRY	EARTH & MARINE SCIENCES	ATMOSPHERIC & SPACE SCIENCES	PHYSICS	MATHEMATICS	COMPUTER SCIENCES	AGRICULTURAL SCIENCES
ALL LOCATIONS	312,644	86,980	23,756	6,637	36,336	24,400	11,324	15,730
STANDARD METROPOLITAN STATISTICAL AREAS	239,259	69,221	18,200	4,980	29,434	18,998	10,069	6,181
ABILENE, TEX.	145	21	47	6	6	16	1	5
AKRON, OHIO	1,478	944	47	2	77	63	28	13
ALBANY, GA.	40	7	1	4	2	5	------	8
ALBANY-SCHENECTADY-TROY, N.Y.	1,968	688	79	36	377	146	59	37
ALBUQUERQUE, N.MEX.	1,012	129	82	33	290	79	63	77
ALLENTOWN-BETHLEHEM-EASTON, PA.-N.J.	813	348	35	------	135	79	11	10
ALTOONA, PA.	48	17	2	1	4	6	------	3
AMARILLO, TEX.	206	47	86	5	14	8	1	14
ANAHEIM-SANTA ANA-GARDEN GROVE, CALIF.	1,912	495	171	24	353	168	184	15
ANDERSON, IND.	35	10	1	3	1	4	1	------
ANN ARBOR, MICH.	2,271	360	101	42	320	167	91	56
ASHEVILLE, N.C.	187	61	3	39	5	7	3	33
ATLANTA, GA.	1,836	423	66	53	171	200	66	108
ATLANTIC CITY, N.J.	81	10	------	7	3	7	13	6
AUGUSTA, GA.-S.C.	360	176	3	3	29	9	6	20
AUSTIN, TEX.	1,796	230	130	32	250	99	63	5
BAKERSFIELD, CALIF.	579	139	107	13	85	31	13	29
BALTIMORE, MD.	3,327	1,002	113	36	496	329	152	30
BATON ROUGE, LA.	900	329	78	6	68	66	7	66
BAY CITY, MICH.	72	17	7	------	6	9	1	1
BEAUMONT-PORT ARTHUR-ORANGE, TEX.	445	298	48	4	12	21	5	13
BILLINGS, MONT.	160	16	67	3	2	13	1	24
BILOXI-GULFPORT, MISS.	77	16	2	5	4	9	1	7
BINGHAMTON, N.Y.-PA.	515	160	25	4	77	59	72	3
BIRMINGHAM, ALA.	447	123	16	7	17	46	15	10
BLOOMINGTON-NORMAL, ILL.	252	30	17	------	9	53	8	12
BOISE CITY, IDAHO	181	15	26	7	1	15	------	67
BOSTON, MASS.	9,268	2,143	401	247	2,083	731	507	43
BRIDGEPORT, CONN.	330	113	2	1	31	41	9	2
BROCKTON, MASS.	86	20	8	------	5	8	------	3
BROWNSVILLE-HARLINGEN-SAN BENITO, TEX.	40	11	1	4	------	2	------	2
BUFFALO, N.Y.	2,037	874	59	13	203	187	58	7
CANTON, OHIO	152	52	11	3	20	13	1	------
CEDAR RAPIDS, IOWA	153	40	7	1	15	24	11	2
CHAMPAIGN-URBANA, ILL.	2,058	331	139	62	968	208	94	100
CHARLESTON, S.C.	256	97	2	19	13	12	5	24
CHARLESTON, W.VA.	503	412	24	4	6	6	2	13
CHARLOTTE, N.C.	368	206	10	6	18	27	9	5
CHATTANOOGA, TENN.-GA.	238	132	7	3	13	26	8	7
CHICAGO, ILL.	10,445	3,950	320	137	1,081	802	337	81
CINCINNATI, OHIO-KY.-IND.	1,806	998	63	22	101	129	29	4
CLEVELAND, OHIO	3,123	1,432	88	20	450	176	67	9
COLORADO SPRINGS, COLO.	427	49	30	28	76	66	47	14
COLUMBIA, S.C.	402	86	29	9	40	37	5	34
COLUMBUS, GA.-ALA.	89	28	1	4	8	6	1	7
COLUMBUS, OHIO	2,396	719	162	16	266	163	78	95
CORPUS CHRISTI, TEX.	523	161	291	13	7	8	4	6
DALLAS, TEX.	7,146	437	476	19	919	210	163	14
DAVENPORT-ROCK ISLAND-MOLINE, IOWA-ILL.	246	72	13	3	21	38	6	13
DAYTON, OHIO	1,345	503	25	25	291	125	61	10
DECATUR, ILL.	122	82	1	2	7	9	1	1
DENVER, COLO.	4,066	641	1,907	162	948	223	116	119
DES MOINES, IOWA	286	36	5	6	14	57	6	21
DETROIT, MICH.	3,203	1,176	83	21	333	298	168	21
DUBUQUE, IOWA	78	11	3	------	7	11	1	3
DULUTH-SUPERIOR, MINN.-WIS.	284	67	41	4	31	26	------	45
DURHAM, N.C.	1,714	383	60	16	169	66	51	15
EL PASO, TEX.	249	48	95	4	31	25	3	9
ERIE, PA.	224	83	8	1	19	23	5	3
EUGENE, OREG.	606	71	40	2	76	49	9	87
EVANSVILLE, IND.-KY.	260	113	41	1	10	12	4	4
FALL RIVER, MASS.-R.I.	47	28	------	1	8	3	1	------
FARGO-MOORHEAD, N.DAK.-MINN.	316	77	8	3	14	30	1	32
FAYETTEVILLE, N.C.	72	17	5	8	4	7	2	6
FITCHBURG-LEOMINSTER, MASS.	85	52	3	2	6	4	------	------
FLINT, MICH.	192	43	12	2	17	33	3	5
FORT LAUDERDALE-HOLLYWOOD, FLA.	165	36	11	1	18	8	12	7
FORT SMITH, ARK.-OKLA.	29	6	7	3	1	1	------	6
FORT WAYNE, IND.	247	68	3	1	26	70	10	3
FORT WORTH, TEX.	779	136	152	47	96	113	43	15
FRESNO, CALIF.	371	45	33	12	54	19	------	67
GADSDEN, ALA.	10	3	2	------	------	1	------	------
GALVESTON-TEXAS CITY, TEX.	295	151	2	2	5	12	2	9
GARY-HAMMOND-EAST CHICAGO, IND.	564	305	18	1	19	50	6	2
GRAND RAPIDS, MICH.	357	108	18	3	26	31	4	7
GREAT FALLS, MONT.	69	15	4	27	3	2	------	9
GREEN BAY, WIS.	102	58	4	4	6	7	1	1
GREENSBORO-WINSTON-SALEM-HIGH POINT, N.C.	561	219	10	1	92	76	15	11
GREENVILLE, S.C.	142	86	1	------	6	10	2	3
HAMILTON-MIDDLETOWN, OHIO	298	65	20	1	14	40	4	------
HARRISBURG, PA.	577	159	76	10	40	50	17	36
HARTFORD, CONN.	1,042	195	19	53	139	291	72	25

TABLE A-29. NUMBER OF SCIENTISTS, BY STANDARD METROPOLITAN STATISTICAL AREA AND FIELD, 1970--CONTINUED

LOCATION	SCIENTIFIC AND TECHNICAL FIELD							
	BIOLOGICAL SCIENCES	PSYCHOLOGY	STATISTICS	ECONOMICS	SOCIOLOGY	POLITICAL SCIENCE	ANTHROPOLOGY	LINGUISTICS
ALL LOCATIONS - - - - - - - - -	47,493	26,271	2,953	13,386	7,658	6,493	1,325	1,902
STANDARD METROPOLITAN STATISTICAL AREAS - - - - - - -	35,199	21,127	2,391	10,322	5,810	4,881	1,012	1,434
ABILENE, TEX. - - - - - - - - - - - -	11	26	------	1	3	2	------	------
AKRON, OHIO - - - - - - - - - - - -	69	104	6	55	30	33	3	4
ALBANY, GA. - - - - - - - - - - - -	7	3	------	1	2	------	------	------
ALBANY-SCHENECTADY-TROY, N.Y. - - -	242	110	23	68	29	60	9	5
ALBUQUERQUE, N.MEX. - - - - - - - -	125	55	15	25	12	9	12	6
ALLENTOWN-BETHLEHEM-EASTON, PA.-N.J.	59	61	6	32	11	25	1	------
ALTOONA, PA. - - - - - - - - - - - -	8	2	------	2	2	1	------	------
AMARILLO, TEX. - - - - - - - - - - -	11	9	------	5	1	5	1	1
ANAHEIM-SANTA ANA-GARDEN GROVE, CALIF. - - - - - - - - - - - - - - -	177	180	21	50	27	31	6	10
ANDERSON, IND. - - - - - - - - - - -	9	2	------	1	3	------	------	------
ANN ARBOR, MICH. - - - - - - - - - -	462	247	36	117	128	94	20	52
ASHEVILLE, N.C. - - - - - - - - - -	25	7	------	2	1	1	------	------
ATLANTA, GA. - - - - - - - - - - - -	364	160	26	100	67	28	2	2
ATLANTIC CITY, N.J. - - - - - - - -	9	18	2	3	1	2	------	------
AUGUSTA, GA.-S.C. - - - - - - - - -	78	20	1	6	8	1	------	------
AUSTIN, TEX. - - - - - - - - - - - -	159	116	11	47	50	44	13	67
BAKERSFIELD, CALIF. - - - - - - - -	41	33	2	2	2	2	------	------
BALTIMORE, MD. - - - - - - - - - - -	642	249	62	68	79	48	9	14
BATON ROUGE, LA. - - - - - - - - - -	151	35	7	38	17	20	1	11
BAY CITY, MICH. - - - - - - - - - -	10	11	------	4	2	4	------	------
BEAUMONT-PORT ARTHUR-ORANGE, TEX. -	17	11	1	6	6	2	------	1
BILLINGS, MONT. - - - - - - - - - -	14	10	------	5	2	3	------	------
BILOXI-GULFPORT, MISS. - - - - - - -	24	7	------	------	2	------	------	------
BINGHAMTON, N.Y.-PA. - - - - - - - -	27	37	2	16	10	13	5	5
BIRMINGHAM, ALA. - - - - - - - - - -	141	30	1	16	7	7	2	1
BLOOMINGTON-NORMAL, ILL. - - - - - -	41	32	1	19	16	14	1	1
BOISE CITY, IDAHO - - - - - - - - -	24	12	1	7	4	2	------	------
BOSTON, MASS. - - - - - - - - - - -	1,356	692	63	424	261	190	64	73
BRIDGEPORT, CONN. - - - - - - - - -	36	55	------	18	15	7	------	------
BROCKTON, MASS. - - - - - - - - - -	18	16	------	3	3	1	1	------
BROWNSVILLE-HARLINGEN-SAN BENITO, TEX. - - - - - - - - - - - - - - -	17	1	------	1	1	------	------	------
BUFFALO, N.Y. - - - - - - - - - - -	327	150	22	45	54	32	13	13
CANTON, OHIO - - - - - - - - - - - -	22	14	3	3	7	2	------	1
CEDAR RAPIDS, IOWA - - - - - - - - -	16	14	1	9	8	4	1	------
CHAMPAIGN-URBANA, ILL. - - - - - - -	416	135	9	123	50	33	11	27
CHARLESTON, S.C. - - - - - - - - - -	63	13	------	5	------	3	------	------
CHARLESTON, W.VA. - - - - - - - - -	11	11	2	6	1	7	------	------
CHARLOTTE, N.C. - - - - - - - - - -	29	29	2	15	5	7	------	------
CHATTANOOGA, TENN.-GA. - - - - - - -	17	13	------	7	2	1	------	------
CHICAGO, ILL. - - - - - - - - - - -	1,713	961	77	435	296	156	50	71
CINCINNATI, OHIO-KY.-IND. - - - - -	303	128	22	67	20	14	3	2
CLEVELAND, OHIO - - - - - - - - - -	376	259	17	101	74	35	7	6
COLORADO SPRINGS, COLO. - - - - - -	71	28	2	27	4	29	3	------
COLUMBIA, S.C. - - - - - - - - - - -	42	57	4	32	4	17	------	3
COLUMBUS, GA.-ALA. - - - - - - - - -	9	17	------	5	------	3	------	------
COLUMBUS, OHIO - - - - - - - - - - -	410	176	19	130	82	40	6	25
CORPUS CHRISTI, TEX. - - - - - - - -	20	8	1	2	2	------	------	------
DALLAS, TEX. - - - - - - - - - - - -	229	135	25	68	34	27	8	4
DAVENPORT-ROCK ISLAND-MOLINE, IOWA-ILL. - - - - - - - - - - - - -	33	26	1	10	5	3	2	------
DAYTON, OHIO - - - - - - - - - - - -	116	114	15	27	17	13	2	1
DECATUR, ILL. - - - - - - - - - - -	8	8	------	3	------	------	------	------
DENVER, COLO. - - - - - - - - - - -	304	311	25	69	63	63	21	15
DES MOINES, IOWA - - - - - - - - - -	63	45	1	14	9	9	------	2
DETROIT, MICH. - - - - - - - - - - -	360	400	14	136	86	70	12	17
DUBUQUE, IOWA - - - - - - - - - - -	9	10	------	7	6	3	------	1
DULUTH-SUPERIOR, MINN.-WIS. - - - -	45	21	------	8	7	9	------	2
DURHAM, N.C. - - - - - - - - - - - -	445	146	71	73	100	65	20	12
EL PASO, TEX. - - - - - - - - - - -	31	26	------	6	8	14	------	4
ERIE, PA. - - - - - - - - - - - - -	26	31	2	9	4	8	------	2
EUGENE, OREG. - - - - - - - - - - -	76	66	7	41	44	27	12	1
EVANSVILLE, IND.-KY. - - - - - - - -	42	19	3	6	3	1	------	------
FALL RIVER, MASS.-R.I. - - - - - - -	5	2	------	------	1	------	------	------
FARGO-MOORHEAD, N.DAK.-MINN. - - - -	110	18	7	23	9	9	------	------
FAYETTEVILLE, N.C. - - - - - - - - -	13	5	1	------	3	2	------	1
FITCHBURG-LEOMINSTER, MASS. - - - -	10	8	------	------	------	------	------	------
FLINT, MICH. - - - - - - - - - - - -	19	43	------	8	3	2	------	2
FORT LAUDERDALE-HOLLYWOOD, FLA. - -	29	36	------	3	2	2	------	------
FORT SMITH, ARK.-OKLA. - - - - - - -	3	------	------	1	------	------	------	1
FORT WAYNE, IND. - - - - - - - - - -	21	25	------	6	5	4	------	------
FORT WORTH, TEX. - - - - - - - - - -	55	71	4	26	23	17	------	4
FRESNO, CALIF. - - - - - - - - - - -	99	45	------	17	4	9	2	5
GADSDEN, ALA. - - - - - - - - - - -	3	1	------	------	------	------	------	------
GALVESTON-TEXAS CITY, TEX. - - - - -	43	26	1	------	1	1	------	------
GARY-HAMMOND-EAST CHICAGO, IND. - -	38	37	1	7	12	6	------	7
GRAND RAPIDS, MICH. - - - - - - - -	36	49	2	13	14	8	1	1
GREAT FALLS, MONT. - - - - - - - - -	11	------	1	------	1	------	------	1
GREEN BAY, WIS. - - - - - - - - - -	14	7	------	6	5	5	------	------
GREENSBORO-WINSTON-SALEM-HIGH POINT, N.C. - - - - - - - - -	67	42	4	25	19	11	5	------
GREENVILLE, S.C. - - - - - - - - - -	14	13	1	1	4	2	------	1
HAMILTON-MIDDLETOWN, OHIO - - - - -	43	39	5	13	9	21	2	3
HARRISBURG, PA. - - - - - - - - - -	41	56	8	18	10	22	2	1
HARTFORD, CONN. - - - - - - - - - -	122	42	7	47	19	19	4	6

TABLE A-29. NUMBER OF SCIENTISTS, BY STANDARD METROPOLITAN STATISTICAL AREA AND FIELD, 1970--CONTINUED

LOCATION	TOTAL	SCIENTIFIC AND TECHNICAL FIELD						
		CHEMISTRY	EARTH & MARINE SCIENCES	ATMOSPHERIC & SPACE SCIENCES	PHYSICS	MATHEMATICS	COMPUTER SCIENCES	AGRICULTURAL SCIENCES-
STANDARD METROPOLITAN STATISTICAL AREAS - CONTINUED								
HONOLULU, HAWAII	1,140	157	100	98	75	78	41	72
HOUSTON, TEX.	4,873	1,507	1,671	35	404	231	231	36
HUNTINGTON-ASHLAND, W.VA.-KY.-OHIO	196	105	18	2	10	7	1	10
HUNTSVILLE, ALA.	560	118	4	19	215	75	96	2
INDIANAPOLIS, IND.	1,312	550	20	7	55	110	25	37
JACKSON, MICH.	74	15	14	1	6	9	4	5
JACKSON, MISS.	308	39	103	4	10	23	3	22
JACKSONVILLE, FLA.	229	61	15	31	7	35	3	15
JERSEY CITY, N.J.	538	279	5	3	60	47	8	2
JOHNSTOWN, PA.	88	21	7	1	4	11	------	8
KALAMAZOO, MICH.	704	302	10	3	30	41	11	9
KANSAS CITY, MO.-KANS.	1,238	442	45	57	60	89	41	16
KENOSHA, WIS.	61	14	3	------	7	6	------	------
KNOXVILLE, TENN.	1,633	475	82	16	371	92	32	80
LAFAYETTE, LA.	372	14	270	------	10	15	5	9
LAFAYETTE-WEST LAFAYETTE, IND.	1,420	341	27	11	216	121	43	100
LAKE CHARLES, LA.	156	91	11	4	3	10	------	8
LANCASTER, PA.	430	105	25	1	65	37	3	2
LANSING, MICH.	1,673	240	92	6	133	129	23	162
LAREDO, TEX.	18	------	3	3	3	3	------	1
LAS VEGAS, NEV.	237	47	33	24	28	15	10	19
LAWRENCE-HAVERHILL, MASS.-N.H.	148	55	7	3	17	21	7	1
LAWTON, OKLA.	68	8	3	11	10	8	3	10
LEWISTON-AUBURN, MAINE	34	6	2	------	1	6	------	2
LEXINGTON, KY.	802	125	52	6	63	57	10	42
LIMA, OHIO	63	25	4	1	3	8	4	3
LINCOLN, NEBR.	728	138	48	6	60	54	6	89
LITTLE ROCK-NORTH LITTLE ROCK, ARK.	277	59	19	16	5	9	4	28
LORAIN-ELYRIA, OHIO	209	104	4	------	15	16	3	------
LOS ANGELES-LONG BEACH, CALIF.	11,360	2,291	970	159	1,800	1,012	1,035	76
LOUISVILLE, KY.-IND.	697	341	18	13	35	48	10	10
LOWELL, MASS.	204	90	2	5	57	17	3	------
LUBBOCK, TEX.	355	56	33	5	31	30	2	33
LYNCHBURG, VA.	126	37	------	1	26	10	5	6
MACON, GA.	103	26	2	12	3	6	------	25
MADISON, WIS.	2,406	489	102	68	260	172	62	119
MANCHESTER, N.H.	51	14	2	------	3	3	------	2
MANSFIELD, OHIO	35	11	4	2	2	5	------	------
MAYAGUEZ, P.R.	96	30	7	------	11	16	1	7
MCALLEN-PHARR-EDINBURG, TEX.	103	13	16	4	6	5	------	18
MEMPHIS, TENN.-ARK.	596	202	26	10	25	36	5	16
MERIDEN, CONN.	17	6	------	------	------	3	1	------
MIAMI, FLA.	958	176	75	93	58	80	25	21
MIDLAND, TEX.	606	11	580	3	1	1	------	2
MILWAUKEE, WIS.	1,481	414	53	7	129	163	37	56
MINNEAPOLIS-ST. PAUL, MINN.	5,975	1,225	143	65	950	903	222	207
MOBILE, ALA.	196	57	11	1	16	19	6	31
MONROE, LA.	129	29	19	------	8	10	2	21
MONTGOMERY, ALA.	144	21	2	10	11	20	1	22
MUNCIE, IND.	172	27	12	1	15	24	2	2
MUSKEGON-MUSKEGON HEIGHTS, MICH.	82	50	2	1	5	3	------	------
NASHVILLE, TENN.	753	171	36	6	66	76	9	10
NEW BEDFORD, MASS.	67	28	------	------	6	5	1	------
NEW BRITAIN, CONN.	100	10	7	------	7	19	1	------
NEW HAVEN, CONN.	1,463	361	45	9	247	76	13	12
NEW LONDON-GROTON-NORWICH, CONN.	390	126	13	4	90	28	10	5
NEW ORLEANS, LA.	1,788	350	701	19	83	77	27	23
NEW YORK, N.Y.	19,186	4,056	639	268	2,021	1,914	876	86
NEWARK, N.J.	5,335	3,110	64	10	552	350	226	14
NEWPORT NEWS-HAMPTON, VA.	325	53	8	31	121	32	29	4
NORFOLK-PORTSMOUTH, VA.	309	76	16	56	42	65	17	16
NORWALK, CONN.	248	89	10	------	75	19	7	------
ODESSA, TEX.	55	31	14	------	2	1	------	1
OGDEN, UTAH	202	40	14	2	14	13	5	45
OKLAHOMA CITY, OKLA.	1,311	106	470	65	79	91	20	18
OMAHA, NEBR.-IOWA	640	100	31	133	26	52	46	11
ORLANDO, FLA.	563	70	10	14	82	34	22	16
OXNARD-VENTURA, CALIF.	342	58	76	4	56	20	21	10
PATERSON-CLIFTON-PASSAIC, N.J.	1,711	1,036	31	6	127	93	97	7
PENSACOLA, FLA.	261	136	6	11	11	17	1	19
PEORIA, ILL.	372	179	10	1	13	29	9	4
PHILADELPHIA, PA.-N.J.	8,390	3,401	136	51	772	506	350	88
PHOENIX, ARIZ.	1,066	100	71	26	113	96	90	77
PINE BLUFF, ARK.	28	8	------	------	------	2	------	7
PITTSBURGH, PA.	5,914	1,695	196	31	557	299	163	17
PITTSFIELD, MASS.	91	49	7	------	5	12	7	2
PONCE, P.R.	25	22	------	------	------	1	------	------
PORTLAND, MAINE	130	43	3	3	9	29	2	4
PORTLAND, OREG.-WASH.	1,297	240	70	25	70	101	32	249
PROVIDENCE-PAWTUCKET-WARWICK, R.I.-MASS.	981	306	66	16	140	99	9	13
PROVO-OREM, UTAH	351	71	30	1	98	26	7	22
PUEBLO, COLO.	76	12	9	1	5	7	2	7
RACINE, WIS.	149	96	6	------	4	9	------	------
RALEIGH, N.C.	915	157	52	10	71	80	15	125
READING, PA.	221	104	11	3	22	15	1	4
RENO, NEV.	366	50	71	25	40	12	5	62
RICHMOND, VA.	769	347	19	3	36	41	8	29
ROANOKE, VA.	126	73	4	1	4	11	2	11

TABLE A-29. NUMBER OF SCIENTISTS, BY STANDARD METROPOLITAN STATISTICAL AREA AND FIELD, 1970--CONTINUED

LOCATION	SCIENTIFIC AND TECHNICAL FIELD							
	BIOLOGICAL SCIENCES	PSYCHOLOGY	STATISTICS	ECONOMICS	SOCIOLOGY	POLITICAL SCIENCE	ANTHROPOLOGY	LINGUISTICS
STANDARD METROPOLITAN STATISTICAL AREAS - CONTINUED								
HONOLULU, HAWAII	232	99	6	51	37	38	14	41
HOUSTON, TEX.	387	182	22	76	40	32	7	10
HUNTINGTON-ASHLAND, W.VA.-KY.-OHIO	11	14	------	7	2	7	------	------
HUNTSVILLE, ALA.	14	10	7	3	3	4	------	------
INDIANAPOLIS, IND.	358	81	18	23	14	7	------	1
JACKSON, MICH.	7	7	------	1	1	4	------	------
JACKSON, MISS.	68	21	------	8	4	3	------	------
JACKSONVILLE, FLA.	22	28	------	4	2	5	------	------
JERSEY CITY, N.J.	61	36	2	10	10	6	------	1
JOHNSTOWN, PA.	11	15	------	2	6	1	1	------
KALAMAZOO, MICH.	139	47	20	19	32	25	5	2
KANSAS CITY, MO.-KANS.	243	126	11	58	27	17	1	5
KENOSHA, WIS.	10	10	------	2	2	7	------	------
KNOXVILLE, TENN.	270	72	19	67	32	22	3	1
LAFAYETTE, LA.	17	12	3	3	2	2	------	1
LAFAYETTE-WEST LAFAYETTE, IND.	276	103	12	99	43	19	3	6
LAKE CHARLES, LA.	16	6	1	3	2	1	------	------
LANCASTER, PA.	42	36	3	14	6	8	------	3
LANSING, MICH.	407	134	21	149	87	61	11	18
LAREDO, TEX.	5	------	------	------	------	------	------	------
LAS VEGAS, NEV.	23	19	1	7	3	7	1	------
LAWRENCE-HAVERHILL, MASS.-N.H.	16	13	2	3	2	------	1	------
LAWTON, OKLA.	11	3	------	1	------	------	------	------
LEWISTON-AUBURN, MAINE	6	5	------	------	4	2	------	------
LEXINGTON, KY.	220	70	6	69	48	19	12	5
LIMA, OHIO	6	5	------	------	2	1	------	1
LINCOLN, NEBR.	151	57	4	59	28	19	7	2
LITTLE ROCK-NORTH LITTLE ROCK, ARK.	72	37	3	18	3	4	------	------
LORAIN-ELYRIA, OHIO	22	16	4	9	7	8	1	------
LOS ANGELES-LONG BEACH, CALIF.	1,332	1,482	85	404	267	223	54	86
LOUISVILLE, KY.-IND.	106	70	5	11	19	9	1	1
LOWELL, MASS.	11	4	1	9	2	1	------	2
LUBBOCK, TEX.	69	29	5	21	16	13	1	3
LYNCHBURG, VA.	13	16	------	4	4	4	------	------
MACON, GA.	10	4	1	4	5	4	1	------
MADISON, WIS.	567	155	30	138	120	68	16	30
MANCHESTER, N.H.	11	8	1	4	7	1	------	------
MANSFIELD, OHIO	4	3	------	------	2	2	------	------
MAYAGUEZ, P.R.	22	------	------	2	------	1	------	1
MCALLEN-PHARR-EDINBURG, TEX.	34	3	1	5	------	------	------	------
MEMPHIS, TENN.-ARK.	149	65	4	25	12	8	2	1
MERIDEN, CONN.	3	4	------	------	------	------	------	------
MIAMI, FLA.	222	137	3	42	10	12	2	4
MIDLAND, TEX.	4	4	------	------	------	------	------	------
MILWAUKEE, WIS.	258	185	13	68	37	35	12	14
MINNEAPOLIS-ST. PAUL, MINN.	688	370	38	174	116	62	9	23
MOBILE, ALA.	21	16	------	7	2	7	------	------
MONROE, LA.	21	8	1	5	3	2	------	------
MONTGOMERY, ALA.	12	20	------	7	3	5	1	1
MUNCIE, IND.	27	28	------	11	9	8	3	3
MUSKEGON-MUSKEGON HEIGHTS, MICH.	9	9	------	------	1	1	------	1
NASHVILLE, TENN.	169	103	8	28	35	23	3	4
NEW BEDFORD, MASS.	10	8	1	3	3	1	------	1
NEW BRITAIN, CONN.	12	18	------	5	6	4	1	1
NEW HAVEN, CONN.	367	130	17	80	58	52	12	26
NEW LONDON-GROTON-NORWICH, CONN.	68	31	4	8	3	1	1	------
NEW ORLEANS, LA.	296	70	12	41	37	30	12	8
NEW YORK, N.Y.	3,044	2,691	202	1,226	625	416	102	122
NEWARK, N.J.	500	780	46	84	41	39	2	9
NEWPORT NEWS-HAMPTON, VA.	17	12	------	4	6	7	------	1
NORFOLK-PORTSMOUTH, VA.	38	37	2	20	7	15	------	2
NORWALK, CONN.	15	24	------	5	1	------	2	1
ODESSA, TEX.	2	------	------	1	1	2	------	------
OGDEN, UTAH	42	14	6	2	2	3	------	------
OKLAHOMA CITY, OKLA.	200	96	10	27	14	25	5	1
OMAHA, NEBR.-IOWA	125	57	4	27	21	12	------	1
ORLANDO, FLA.	50	29	5	8	------	3	------	------
OXNARD-VENTURA, CALIF.	37	35	2	6	4	4	1	------
PATERSON-CLIFTON-PASSAIC, N.J.	117	135	9	26	13	10	2	2
PENSACOLA, FLA.	27	21	------	8	2	1	------	1
PEORIA, ILL.	46	51	------	15	11	6	------	------
PHILADELPHIA, PA.-N.J.	1,497	769	71	283	157	147	34	50
PHOENIX, ARIZ.	162	122	4	32	27	25	7	6
PINE BLUFF, ARK.	8	------	------	------	2	1	------	------
PITTSBURGH, PA.	358	306	67	122	69	69	21	13
PITTSFIELD, MASS.	5	5	1	3	------	------	------	------
PONCE, P.R.	------	------	------	1	1	------	------	------
PORTLAND, MAINE	17	8	------	7	2	3	------	------
PORTLAND, OREG.-WASH.	248	130	11	46	32	21	7	7
PROVIDENCE-PAWTUCKET-WARWICK, R.I.-MASS.	145	88	2	29	51	17	9	15
PROVO-OREM, UTAH	45	37	7	12	22	10	3	2
PUEBLO, COLO.	14	20	------	3	1	------	------	------
RACINE, WIS.	18	11	------	3	1	------	------	1
RALEIGH, N.C.	243	42	21	68	36	14	------	1
READING, PA.	18	29	1	5	5	3	------	------
RENO, NEV.	41	20	------	18	5	8	4	3
RICHMOND, VA.	162	62	7	36	13	9	------	3
ROANOKE, VA.	17	27	3	6	2	6	------	------

TABLE A-29. NUMBER OF SCIENTISTS, BY STANDARD METROPOLITAN STATISTICAL AREA AND FIELD, 1970--CONTINUED

LOCATION	TOTAL	SCIENTIFIC AND TECHNICAL FIELD						
		CHEMISTRY	EARTH & MARINE SCIENCES	ATMOSPHERIC & SPACE SCIENCES	PHYSICS	MATHEMATICS	COMPUTER SCIENCES	AGRICULTURAL SCIENCES
STANDARD METROPOLITAN STATISTICAL AREAS - CONTINUED								
ROCHESTER, N.Y.	2,553	1,130	52	6	554	168	55	13
ROCKFORD, ILL.	110	35	7	------	10	15	2	2
SACRAMENTO, CALIF.	1,882	320	166	63	84	109	35	208
SAGINAW, MICH.	53	17	1	1	6	5	1	3
SALEM, OREGON	180	22	22	1	7	12	3	58
SALINAS-MONTEREY, CALIF.	448	46	25	67	51	53	18	25
ST. JOSEPH, MO.	47	15	1	------	2	3	------	4
ST. LOUIS, MO.-ILL.	3,310	1,321	171	139	280	246	99	31
SALT LAKE CITY, UTAH	1,113	239	207	65	101	79	43	44
SAN ANGELO, TEX.	60	3	18	4	5	4	------	8
SAN ANTONIO, TEX.	809	158	116	27	62	46	21	11
SAN BERNARDINO-RIVERSIDE-ONTARIO, CALIF.	1,355	251	76	44	179	77	31	99
SAN DIEGO, CALIF.	2,256	368	210	29	540	162	134	32
SAN FRANCISCO-OAKLAND, CALIF.	8,099	2,291	636	204	1,111	545	289	204
SAN JOSE, CALIF.	3,681	699	177	43	878	319	509	17
SAN JUAN, P.R.	288	72	13	9	13	10	3	17
SANTA BARBARA, CALIF.	789	120	69	25	175	74	53	16
SAVANNAH, GA.	151	60	4	6	4	8	1	24
SCRANTON, PA.	104	28	1	------	18	11	1	3
SEATTLE-EVERETT, WASH.	2,784	502	198	108	402	230	145	184
SHERMAN-DENISON, TEX.	47	10	3	4	3	3	1	4
SHREVEPORT, LA.	297	48	147	23	12	18	7	6
SIOUX CITY, IOWA-NEB.	52	11	1	3	4	7	2	3
SIOUX FALLS, S.DAK.	73	11	------	5	5	9	2	3
SOUTH BEND, IND.	499	141	7	2	95	78	7	2
SPOKANE, WASH.	227	30	44	6	12	18	4	16
SPRINGFIELD, ILL.	108	14	4	2	6	18	------	11
SPRINGFIELD, MO.	122	31	6	5	10	9	------	8
SPRINGFIELD, OHIO	64	12	8	1	6	7	------	------
SPRINGFIELD-CHICOPEE-HOLYOKE, MASS.-CONN.	568	233	17	15	38	61	1	4
STAMFORD, CONN.	612	400	13	1	52	30	22	1
STEUBENVILLE-WEIRTON, OHIO-W.VA.	60	25	------	1	4	7	------	------
STOCKTON, CALIF.	166	49	5	1	8	8	------	12
SYRACUSE, N.Y.	1,423	381	67	14	179	125	46	51
TACOMA, WASH.	393	85	30	17	15	46	8	62
TALLAHASSEE, FLA.	749	115	64	65	90	58	6	28
TAMPA-ST. PETERSBURG, FLA.	571	130	28	24	52	56	29	10
TERRE HAUTE, IND.	273	74	21	1	26	27	2	3
TEXARKANA, TEX.-ARK.	16	2	1	------	1	4	------	2
TOLEDO, OHIO-MICH.	755	283	34	2	93	72	9	9
TOPEKA, KANS.	220	36	18	7	4	33	1	4
TRENTON, N.J.	1,864	605	69	17	464	138	76	20
TUCSON, ARIZ.	1,131	137	185	31	203	68	15	45
TULSA, OKLA.	655	163	318	4	13	38	31	9
TUSCALOOSA, ALA.	266	48	30	------	24	23	3	16
TYLER, TEX.	84	9	60	------	3	3	------	1
UTICA-ROME, N.Y.	249	40	9	8	54	22	19	6
VALLEJO-NAPA, CALIF.	202	63	5	13	17	11	3	12
VINELAND-MILLVILLE-BRIDGETON, N.J.	36	20	------	1	1	------	------	3
WACO, TEX.	139	31	13	2	21	11	------	5
WASHINGTON, D.C.-MD.-VA.	17,711	2,462	1,268	734	2,596	1,413	1,151	529
WATERBURY, CONN.	213	165	2	------	9	9	1	3
WATERLOO, IOWA	103	15	8	1	7	15	------	2
WEST PALM BEACH, FLA.	236	37	15	2	26	22	21	13
WHEELING, W.VA.-OHIO	82	27	5	------	9	7	3	2
WICHITA, KANS.	477	91	130	7	27	48	26	10
WICHITA FALLS, TEX.	113	12	48	6	6	11	1	2
WILKES-BARRE-HAZLETON, PA.	140	38	5	2	19	17	1	3
WILMINGTON, DEL.-N.J.-MD.	3,141	2,510	22	6	149	69	29	21
WILMINGTON, N.C.	58	24	2	4	6	3	------	5
WORCESTER, MASS.	480	134	29	------	57	65	3	8
YORK, PA.	165	55	6	3	11	16	4	10
YOUNGSTOWN-WARREN, OHIO	151	63	9	2	12	10	3	2
OTHER LOCATIONS	73,385	17,759	5,556	1,657	6,902	5,402	1,255	9,549

SOURCE - NATIONAL REGISTER OF SCIENTIFIC AND TECHNICAL PERSONNEL, 1970.

TABLE A-29. NUMBER OF SCIENTISTS, BY STANDARD METROPOLITAN STATISTICAL AREA AND FIELD, 1970--CONTINUED

LOCATION	SCIENTIFIC AND TECHNICAL FIELD							
	BIOLOGICAL SCIENCES	PSYCHOLOGY	STATISTICS	ECONOMICS	SOCIOLOGY	POLITICAL SCIENCE	ANTHROPOLOGY	LINGUISTICS
STANDARD METROPOLITAN STATISTICAL AREAS - CONTINUED								
ROCHESTER, N.Y.	257	152	23	61	28	30	10	14
ROCKFORD, ILL.	19	12	------	3	4	1	------	------
SACRAMENTO, CALIF.	531	157	18	77	51	43	9	11
SAGINAW, MICH.	14	4	------	1	------	------	------	------
SALEM, OREGON	11	28	------	6	4	6	------	------
SALINAS-MONTEREY, CALIF.	51	61	15	15	4	6	1	10
ST. JOSEPH, MO.	14	8	------	------	------	------	------	------
ST. LOUIS, MO.-ILL.	486	230	15	139	84	55	6	8
SALT LAKE CITY, UTAH	174	80	5	35	23	8	5	5
SAN ANGELO, TEX.	10	4	------	------	1	3	------	------
SAN ANTONIO, TEX.	191	109	11	23	22	8	------	4
SAN BERNARDINO-RIVERSIDE-ONTARIO, CALIF.	337	133	15	30	39	36	7	1
SAN DIEGO, CALIF.	351	275	9	54	28	27	14	23
SAN FRANCISCO-OAKLAND, CALIF.	1,304	697	67	303	201	138	44	65
SAN JOSE, CALIF.	376	354	50	100	59	63	18	19
SAN JUAN, P.R.	60	25	6	20	14	10	3	13
SANTA BARBARA, CALIF.	79	83	3	33	25	23	6	5
SAVANNAH, GA.	30	7	------	5	------	2	------	------
SCRANTON, PA.	13	21	------	3	4	1	------	------
SEATTLE-EVERETT, WASH.	495	218	31	89	81	59	20	22
SHERMAN-DENISON, TEX.	7	4	1	3	2	1	------	1
SHREVEPORT, LA.	17	12	1	3	1	2	------	------
SIOUX CITY, IOWA-NEB.	4	11	------	1	3	2	------	------
SIOUX FALLS, S.DAK.	16	11	------	2	5	3	1	------
SOUTH BEND, IND.	62	23	1	29	35	14	2	1
SPOKANE, WASH.	31	39	2	9	6	10	------	------
SPRINGFIELD, ILL.	11	19	3	8	3	7	2	------
SPRINGFIELD, MO.	18	12	1	12	5	5	------	------
SPRINGFIELD, OHIO	6	11	------	3	5	4	------	1
SPRINGFIELD-CHICOPEE-HOLYOKE, MASS.-CONN.	68	65	2	21	19	20	2	2
STAMFORD, CONN.	27	46	4	9	4	2	------	1
STEUBENVILLE-WEIRTON, OHIO-W.VA.	9	4	------	7	3	------	------	------
STOCKTON, CALIF.	35	31	------	6	6	5	------	------
SYRACUSE, N.Y.	231	134	12	64	42	63	7	7
TACOMA, WASH.	60	47	2	10	6	5	------	------
TALLAHASSEE, FLA.	87	72	16	38	58	42	3	7
TAMPA-ST. PETERSBURG, FLA.	81	94	4	24	20	15	2	2
TERRE HAUTE, IND.	55	24	2	16	10	8	3	1
TEXARKANA, TEX.-ARK.	4	1	------	------	------	1	------	------
TOLEDO, OHIO-MICH.	67	85	6	43	27	21	------	4
TOPEKA, KANS.	31	67	4	7	4	4	------	------
TRENTON, N.J.	121	165	21	72	38	44	3	11
TUCSON, ARIZ.	230	66	10	45	32	33	26	5
TULSA, OKLA.	19	30	2	16	6	5	1	------
TUSCALOOSA, ALA.	22	47	5	24	12	8	2	2
TYLER, TEX.	3	4	------	------	------	1	------	------
UTICA-ROME, N.Y.	36	34	------	9	3	8	1	------
VALLEJO-NAPA, CALIF.	34	40	------	2	2	------	------	------
VINELAND-MILLVILLE-BRIDGETON, N.J.	5	5	------	------	1	------	------	------
WACO, TEX.	23	21	1	2	4	4	------	1
WASHINGTON, D.C.-MD.-VA.	2,711	1,210	481	1,891	379	684	69	133
WATERBURY, CONN.	10	9	------	3	------	2	------	------
WATERLOO, IOWA	17	19	1	7	3	5	------	3
WEST PALM BEACH, FLA.	39	32	1	11	4	8	3	2
WHEELING, W.VA.-OHIO	12	5	------	2	5	5	------	------
WICHITA, KANS.	35	54	4	22	8	11	2	2
WICHITA FALLS, TEX.	15	4	------	2	3	2	------	1
WILKES-BARRE-HAZLETON, PA.	15	27	------	5	1	7	------	------
WILMINGTON, DEL.-N.J.-MD.	171	73	17	34	15	15	5	5
WILMINGTON, N.C.	8	3	------	2	------	1	------	------
WORCESTER, MASS.	89	45	2	25	11	9	------	3
YORK, PA.	27	22	------	5	3	3	------	------
YOUNGSTOWN-WARREN, OHIO	19	15	------	4	6	2	1	3
OTHER LOCATIONS	12,294	5,144	562	3,064	1,848	1,612	313	468

TABLE A-30. NUMBER OF SCIENTISTS, BY STANDARD METROPOLITAN STATISTICAL AREA AND HIGHEST DEGREE, 1970

LOCATION	TOTAL	HIGHEST DEGREE				LESS THAN BACHELOR'S DEGREE	NO REPORT OF DEGREE
		DOCTORATE	PROFESSIONAL MEDICAL	MASTER'S	BACHELOR'S		
ALL LOCATIONS	312,644	125,234	7,294	93,540	83,740	575	2,261
STANDARD METROPOLITAN STATISTICAL AREAS	239,259	96,079	6,583	71,441	63,005	444	1,707
ABILENE, TEX.	145	51	------	39	54	------	1
AKRON, OHIO	1,478	545	4	375	540	2	12
ALBANY, GA.	40	9	------	13	14	1	3
ALBANY-SCHENECTADY-TROY, N.Y.	1,968	984	36	495	442	3	8
ALBUQUERQUE, N.MEX.	1,012	446	33	320	207	------	6
ALLENTOWN-BETHLEHEM-EASTON, PA.-N.J.	813	359	5	242	200	2	5
ALTOONA, PA.	48	7	------	21	20	------	------
AMARILLO, TEX.	206	42	------	51	109	1	3
ANAHEIM-SANTA ANA-GARDEN GROVE, CALIF.	1,912	666	15	667	546	6	12
ANDERSON, IND.	35	6	1	14	14	------	------
ANN ARBOR, MICH.	2,271	1,225	71	743	228	1	3
ASHEVILLE, N.C.	187	49	------	51	74	1	12
ATLANTA, GA.	1,836	739	62	531	476	4	24
ATLANTIC CITY, N.J.	81	11	1	36	33	------	------
AUGUSTA, GA.-S.C.	360	144	17	94	104	------	1
AUSTIN, TEX.	1,296	685	5	342	255	3	6
BAKERSFIELD, CALIF.	579	105	2	210	254	5	3
BALTIMORE, MD.	3,327	1,199	202	982	924	4	16
BATON ROUGE, LA.	900	482	2	244	168	2	2
BAY CITY, MICH.	72	15	------	46	11	------	------
BEAUMONT-PORT ARTHUR-ORANGE, TEX.	445	114	------	104	224	2	1
BILLINGS, MONT.	160	31	------	60	69	------	------
BILOXI-GULFPORT, MISS.	77	19	------	28	30	------	------
BINGHAMTON, N.Y.-PA.	515	169	2	168	170	1	5
BIRMINGHAM, ALA.	447	185	42	92	128	------	------
BLOOMINGTON-NORMAL, ILL.	252	143	------	78	30	------	1
BOISE CITY, IDAHO	181	28	2	70	76	1	4
BOSTON, MASS.	9,268	4,209	492	2,566	1,922	15	64
BRIDGEPORT, CONN.	330	107	3	123	94	1	2
BROCKTON, MASS.	86	37	------	31	18	------	------
BROWNSVILLE-HARLINGEN-SAN BENITO, TEX.	40	9	------	11	18	------	2
BUFFALO, N.Y.	2,037	889	84	516	531	6	11
CANTON, OHIO	152	37	1	71	42	------	1
CEDAR RAPIDS, IOWA	153	64	------	51	36	------	2
CHAMPAIGN-URBANA, ILL.	2,058	1,186	9	619	235	2	7
CHARLESTON, S.C.	256	95	13	58	82	------	8
CHARLESTON, W.VA.	503	133	------	131	226	4	9
CHARLOTTE, N.C.	368	129	4	91	141	3	------
CHATTANOOGA, TENN.-GA.	238	67	------	71	97	------	3
CHICAGO, ILL.	10,445	3,855	328	3,351	2,819	19	73
CINCINNATI, OHIO-KY.-IND.	1,884	652	60	586	569	2	15
CLEVELAND, OHIO	3,123	1,092	119	956	926	8	22
COLORADO SPRINGS, COLO.	422	153	2	180	81	------	6
COLUMBIA, S.C.	402	199	2	98	98	1	4
COLUMBUS, GA.-ALA.	89	19	2	26	41	------	1
COLUMBUS, OHIO	2,396	1,170	44	657	516	3	6
CORPUS CHRISTI, TEX.	523	79	1	163	273	3	4
DALLAS, TEX.	2,166	750	59	622	716	4	15
DAVENPORT-ROCK ISLAND-MOLINE, IOWA-ILL.	246	68	2	101	75	------	------
DAYTON, OHIO	1,345	484	13	435	403	2	8
DECATUR, ILL.	122	50	------	25	45	1	1
DENVER, COLO.	4,066	1,448	76	1,273	1,235	5	29
DES MOINES, IOWA	286	92	4	113	74	------	3
DETROIT, MICH.	3,203	1,052	57	1,173	886	7	28
DUBUQUE, IOWA	78	22	------	47	9	------	------
DULUTH-SUPERIOR, MINN.-WIS.	284	104	2	94	83	------	1
DURHAM, N.C.	1,714	1,011	132	323	243	------	5
EL PASO, TEX.	249	95	2	59	90	1	2
ERIE, PA.	224	78	------	83	62	1	------
EUGENE, OREG.	606	261	2	187	153	------	3
EVANSVILLE, IND.-KY.	269	83	3	79	100	1	3
FALL RIVER, MASS.-R.I.	47	3	1	20	22	------	1
FARGO-MOORHEAD, N.DAK.-MINN.	336	212	3	88	30	------	3
FAYETTEVILLE, N.C.	72	12	1	25	34	------	------
FITCHBURG-LEOMINSTER, MASS.	85	26	------	28	27	3	1
FLINT, MICH.	192	61	2	92	37	------	------
FORT LAUDERDALE-HOLLYWOOD, FLA.	165	54	5	71	31	------	4
FORT SMITH, ARK.-OKLA.	29	1	------	8	19	------	1
FORT WAYNE, IND.	242	75	1	91	70	1	4
FORT WORTH, TEX.	779	226	3	267	271	4	8
FRESNO, CALIF.	371	145	2	111	109	------	4
GADSDEN, ALA.	10	1	------	6	3	------	------
GALVESTON-TEXAS CITY, TEX.	295	110	18	76	91	------	------
GARY-HAMMOND-EAST CHICAGO, IND.	564	224	4	192	144	------	------
GRAND RAPIDS, MICH.	337	113	2	132	86	------	4
GREAT FALLS, MONT.	69	4	2	15	44	------	4
GREEN BAY, WIS.	102	41	1	32	25	1	2
GREENSBORO-WINSTON-SALEM-HIGH POINT, N.C.	561	278	19	128	131	------	5
GREENVILLE, S.C.	142	47	------	40	54	------	1
HAMILTON-MIDDLETOWN, OHIO	288	166	1	74	47	------	------
HARRISBURG, PA.	577	167	12	226	170	1	1
HARTFORD, CONN.	1,042	290	23	364	355	1	9
HONOLULU, HAWAII	1,140	505	13	359	252	1	10
HOUSTON, TEX.	4,873	1,311	101	1,332	2,070	20	39
HUNTINGTON-ASHLAND, W.VA.-KY.-OHIO	194	41	1	48	100	1	3
HUNTSVILLE, ALA.	568	163	------	197	204	2	2
INDIANAPOLIS, IND.	1,312	485	59	375	384	1	8
JACKSON, MICH.	74	7	------	36	29	------	2

TABLE A-30. NUMBER OF SCIENTISTS, BY STANDARD METROPOLITAIN STATISTICAL AREA AND HIGHEST DEGREE, 1970--CONTINUED

LOCATION	TOTAL	HIGHEST DEGREE				LESS THAN BACHELOR'S DEGREE	NO REPORT OF DEGREE
		DOCTORATE	PROFESSIONAL MEDICAL	MASTER'S	BACHELOR'S		
STANDARD METROPOLITAN STATISTICAL AREAS - CONTINUED							
JACKSON, MISS.	308	86	21	104	92	2	3
JACKSONVILLE, FLA.	229	49	2	86	74	5	13
JERSEY CITY, N.J.	538	170	12	180	170	1	5
JOHNSTOWN, PA.	88	20	------	39	29	------	------
KALAMAZOO, MICH.	704	414	8	182	98	1	1
KANSAS CITY, MO.-KANS.	1,238	406	47	371	397	7	10
KENOSHA, WIS.	61	20	1	29	11	------	------
KNOXVILLE, TENN.	1,633	872	16	391	348	1	5
LAFAYETTE, LA.	372	60	2	136	170	1	3
LAFAYETTE-WEST LAFAYETTE, IND.	1,420	823	3	384	210	------	------
LAKE CHARLES, LA.	156	32	------	32	88	2	2
LANCASTER, PA.	430	159	2	146	121	------	2
LANSING, MICH.	1,673	974	12	469	216	------	2
LAREDO, TEX.	18	2	------	7	9	------	------
LAS VEGAS, NEV.	237	54	------	79	97	5	2
LAWRENCE-HAVERHILL, MASS.-N.H.	148	29	2	68	47	------	2
LAWTON, OKLA.	68	9	1	33	22	------	3
LEWISTON-AUBURN, MAINE	34	20	1	9	4	------	------
LEXINGTON, KY.	802	466	48	187	97	------	4
LIMA, OHIO	63	9	1	23	29	1	------
LINCOLN, NEBR.	728	374	6	221	122	------	5
LITTLE ROCK-NORTH LITTLE ROCK, ARK.	277	103	17	75	75	2	5
LORAIN-ELYRIA, OHIO	209	83	------	53	72	------	1
LOS ANGELES-LONG BEACH, CALIF.	11,360	4,416	242	3,553	3,068	17	64
LOUISVILLE, KY.-IND.	697	237	22	197	228	5	8
LOWELL, MASS.	204	72	------	70	61	------	1
LUBBOCK, TEX.	355	188	------	116	49	------	2
LYNCHBURG, VA.	126	48	------	37	40	1	------
MACON, GA.	103	18	1	38	44	1	1
MADISON, WIS.	2,404	1,260	60	684	394	------	6
MANCHESTER, N.H.	51	14	2	24	11	------	------
MANSFIELD, OHIO	35	5	1	17	11	------	1
MAYAGUEZ, P.R.	96	52	------	34	10	------	------
MCALLEN-PHARR-EDENBURG, TEX.	103	31	------	36	35	------	1
MEMPHIS, TENN.-ARK.	594	278	35	132	145	1	3
MERIDEN, CONN.	17	5	1	2	9	------	------
MIAMI, FLA.	958	397	46	272	218	2	23
MIDLAND, TEX.	606	26	------	184	388	3	5
MILWAUKEE, WIS.	1,481	531	44	516	373	3	14
MINNEAPOLIS-ST. PAUL, MINN.	3,975	1,681	105	1,047	1,115	3	24
MOBILE, ALA.	194	60	------	68	66	------	------
MONROE, LA.	129	57	------	38	33	------	1
MONTGOMERY, ALA.	144	38	1	59	43	2	1
MUNCIE, IND.	172	104	1	43	24	------	------
MUSKEGON-MUSKEGON HEIGHTS, MICH.	82	13	------	33	36	------	------
NASHVILLE, TENN.	753	372	52	183	141	1	4
NEW BEDFORD, MASS.	67	28	1	17	21	------	------
NEW BRITAIN, CONN.	100	41	1	41	16	1	------
NEW HAVEN, CONN.	1,463	837	99	333	187	------	7
NEW LONDON-GROTON-NORWICH, CONN.	390	152	6	127	104	1	------
NEW ORLEANS, LA.	1,786	564	61	544	597	4	16
NEW YORK, N.Y.	19,184	7,859	976	6,050	4,140	20	139
NEWARK, N.J.	5,335	2,172	55	1,529	1,516	7	56
NEWPORT NEWS-HAMPTON, VA.	325	65	3	119	133	1	4
NORFOLK-PORTSMOUTH, VA.	389	108	5	138	126	1	11
NORWALK, CONN.	248	56	5	104	78	1	4
ODESSA, TEX.	55	6	------	18	31	------	------
OGDEN, UTAH	202	50	1	62	88	------	1
OKLAHOMA CITY, OKLA.	1,311	438	31	375	455	2	10
OMAHA, NEBR.-IOWA	646	180	23	231	197	2	13
ORLANDO, FLA.	343	103	2	123	108	3	4
OXNARD-VENTURA, CALIF.	342	92	1	132	114	------	3
PATERSON-CLIFTON-PASSAIC, N.J.	1,711	473	18	566	633	3	18
PENSACOLA, FLA.	261	85	3	75	89	2	7
PEORIA, ILL.	372	134	1	131	105	1	------
PHILADELPHIA, PA.-N.J.	8,390	3,325	399	2,340	2,234	24	68
PHOENIX, ARIZ.	1,044	357	10	348	313	4	12
PINE BLUFF, ARK.	28	5	------	5	18	------	------
PITTSBURGH, PA.	3,914	1,573	89	1,041	1,183	5	23
PITTSFIELD, MASS.	91	13	1	41	34	------	2
PONCE, P.R.	25	3	------	5	13	------	4
PORTLAND, MAINE	130	27	2	48	53	------	------
PORTLAND, OREG.-WASH.	1,297	450	53	335	451	------	8
PROVIDENCE-PAWTUCKET-WARWICK, R.I.-MASS.	981	404	20	275	266	3	13
PROVO-OREM, UTAH	351	217	4	57	72	------	1
PUEBLO, COLO.	76	29	1	30	16	------	------
RACINE, WIS.	149	42	------	42	61	2	2
RALEIGH, N.C.	915	522	6	251	134	1	1
READING, PA.	221	69	1	64	82	------	5
RENO, NEV.	346	146	------	105	88	1	6
RICHMOND, VA.	769	309	37	192	222	2	7
ROANOKE, VA.	126	54	------	41	30	1	------
ROCHESTER, N.Y.	2,553	1,049	68	673	741	2	20
ROCKFORD, ILL.	110	18	2	50	39	------	1
SACRAMENTO, CALIF.	1,882	781	20	525	527	7	22
SAGINAW, MICH.	53	7	3	22	20	------	1
SALEM, OREGON	180	58	------	49	72	------	1
SALINAS-MONTEREY, CALIF.	448	182	2	140	117	2	5
ST. JOSEPH, MO.	47	6	1	24	16	------	------
ST. LOUIS, MO.-ILL.	3,310	1,269	144	979	879	9	30
SALT LAKE CITY, UTAH	1,113	419	40	276	371	1	6

TABLE A-30. NUMBER OF SCIENTISTS, BY STANDARD METROPOLITAIN STATISTICAL AREA AND HIGHEST DEGREE, 1970--CONTINUED

LOCATION	TOTAL	HIGHEST DEGREE				LESS THAN BACHELOR'S DEGREE	NO REPORT OF DEGREE
		DOCTORATE	PROFESSIONAL MEDICAL	MASTER'S	BACHELOR'S		
STANDARD METROPOLITAN STATISTICAL AREAS - CONTINUED							
SAN ANGELO, TEX.	60	15	1	17	26	------	1
SAN ANTONIO, TEX.	809	269	40	270	215	6	9
SAN BERNARDINO-RIVERSIDE-ONTARIO, CALIF.	1,355	517	25	443	359	3	8
SAN DIEGO, CALIF.	2,256	974	55	651	555	3	18
SAN FRANCISCO-OAKLAND, CALIF.	8,099	3,451	229	2,239	2,103	22	55
SAN JOSE, CALIF.	3,681	1,600	88	1,069	899	6	19
SAN JUAN, P.R.	288	131	9	81	60	1	6
SANTA BARBARA, CALIF.	789	333	1	248	196	3	8
SAVANNAH, GA.	151	43	1	54	52	1	------
SCRANTON, PA.	104	28	------	53	21	------	2
SEATTLE-EVERETT, WASH.	2,784	1,042	119	835	773	4	11
SHERMAN-DENISON, TEX.	47	17	------	15	14	1	------
SHREVEPORT, LA.	297	35	3	82	175	1	1
SIOUX CITY, IOWA-NEB.	52	10	------	30	11	1	------
SIOUX FALLS, S.DAK.	73	31	1	27	12	------	2
SOUTH BEND, IND.	499	258	1	134	99	2	5
SPOKANE, WASH.	227	85	1	79	60	1	1
SPRINGFIELD, ILL.	108	17	1	59	30	------	1
SPRINGFIELD, MO.	122	51	1	43	26	1	------
SPRINGFIELD, OHIO	64	34	------	19	10	------	1
SPRINGFIELD-CHICOPEE-HOLYOKE, MASS.-CONN.	568	214	2	198	147	------	7
STAMFORD, CONN.	612	243	2	182	177	2	6
STEUBENVILLE-WEIRTON, OHIO-W.VA.	60	19	1	19	21	------	------
STOCKTON, CALIF.	166	60	------	56	48	------	2
SYRACUSE, N.Y.	1,423	707	35	380	294	------	7
TACOMA, WASH.	393	85	7	138	157	------	6
TALLAHASSEE, FLA.	749	393	1	215	136	------	4
TAMPA-ST. PETERSBURG, FLA.	571	230	3	186	139	2	11
TERRE HAUTE, IND.	273	147	4	77	43	1	1
TEXARKANA, TEX.-ARK.	16	1	1	9	5	------	------
TOLEDO, OHIO-MICH.	755	334	8	229	183	------	1
TOPEKA, KANS.	220	79	6	65	68	1	1
TRENTON, N.J.	1,864	1,015	11	461	366	2	9
TUCSON, ARIZ.	1,131	581	11	331	195	2	11
TULSA, OKLA.	655	160	2	179	300	2	12
TUSCALOOSA, ALA.	266	155	------	53	58	------	------
TYLER, TEX.	84	5	------	24	53	------	2
UTICA-ROME, N.Y.	249	60	1	102	83	2	1
VALLEJO-NAPA, CALIF.	202	42	2	78	77	------	3
VINELAND-MILLVILLE-BRIDGETON, N.J.	36	10	------	8	15	1	2
WACO, TEX.	139	66	1	40	31	1	------
WASHINGTON, D.C.-MD.-VA.	17,711	7,069	569	5,757	4,193	21	102
WATERBURY, CONN.	213	50	------	64	94	1	4
WATERLOO, IOWA	103	43	1	49	9	1	------
WEST PALM BEACH, FLA.	236	105	2	78	51	------	------
WHEELING, W.VA.-OHIO	82	12	------	39	31	------	------
WICHITA, KANS.	477	123	2	138	207	1	6
WICHITA FALLS, TEX.	113	24	2	28	55	------	4
WILKES-BARRE-HAZLETON, PA.	140	44	1	66	27	1	1
WILMINGTON, DEL.-N.J.-MD.	3,141	1,796	13	586	732	3	11
WILMINGTON, N.C.	58	18	------	14	25	------	1
WORCESTER, MASS.	480	239	10	160	70	------	1
YORK, PA.	165	37	3	57	66	------	2
YOUNGSTOWN-WARREN, OHIO	151	53	4	48	45	------	1
OTHER LOCATIONS	73,385	29,155	711	22,099	20,735	131	554

SOURCE - NATIONAL REGISTER OF SCIENTIFIC AND TECHNICAL PERSONNEL, 1970.

TABLE A-31. NUMBER OF SCIENTISTS, BY STANDARD METROPOLITAN STATISTICAL AREA AND TYPE OF EMPLOYER, 1970

LOCATION	TOTAL	TYPE OF EMPLOYER								NOT EMPLOYED	NO REPORT OF TYPE OF EMPLOYER
		EDUCATIONAL INSTITUTIONS	FEDERAL GOVERNMENT	OTHER GOVERNMENT	NONPROFIT ORGANIZATIONS	INDUSTRY AND BUSINESS	SELF-EMPLOYED	MILITARY	OTHER		
ALL LOCATIONS - - - - - - - -	312,644	130,389	31,118	11,741	10,911	97,542	6,314	7,285	2,116	12,908	2,320
STANDARD METROPOLITAN STATISTICAL AREAS - - - - - -	239,259	93,434	23,163	8,178	9,445	81,200	5,278	5,114	1,653	9,980	1,814
ABILENE, TEX. - - - - - - - - - - -	145	62	3	12	1	38	10	9	1	6	3
AKRON, OHIO - - - - - - - - - - -	1,478	429	2	35	18	911	17	4	5	49	8
ALBANY, GA. - - - - - - - - - - -	40	17	2	5	------	8	2	6	------	------	------
ALBANY-SCHENECTADY-TROY, N.Y. -	1,968	750	56	279	25	736	12	5	10	81	14
ALBUQUERQUE, N.MEX. - - - - - - -	1,012	288	170	23	44	326	15	96	16	32	2
ALLENTOWN-BETHLEHEM-EASTON, PA.-N.J. - - - - - - - - - - - - - -	813	380	2	9	17	358	11	4	2	24	6
ALTOONA, PA. - - - - - - - - - - -	48	24	------	3	2	16	2	------	------	1	------
AMARILLO, TEX. - - - - - - - - - -	206	58	37	4	3	78	18	1	------	7	------
ANAHEIM-SANTA ANA-GARDEN GROVE, CALIF. - - - - - - - - - - - - -	1,912	563	27	37	15	1,078	63	16	12	87	14
ANDERSON, IND. - - - - - - - - - -	35	22	1	1	------	10	------	1	------	------	------
ANN ARBOR, MICH. - - - - - - - - -	2,271	1,643	71	38	32	244	18	18	8	168	31
ASHEVILLE, N.C. - - - - - - - - -	187	31	78	12	------	55	2	2	------	7	------
ATLANTA, GA. - - - - - - - - - - -	1,836	782	264	81	26	454	34	78	18	82	17
ATLANTIC CITY, N.J. - - - - - - -	81	22	17	8	4	20	2	------	2	5	1
AUGUSTA, GA.-S.C. - - - - - - - -	360	116	28	12	3	155	3	15	19	5	4
AUSTIN, TEX. - - - - - - - - - - -	1,296	851	38	89	20	168	14	14	8	84	10
BAKERSFIELD, CALIF. - - - - - - -	579	79	203	26	3	195	26	34	2	9	2
BALTIMORE, MD. - - - - - - - - - -	3,327	1,241	735	173	81	670	32	204	16	148	27
BATON ROUGE, LA. - - - - - - - - -	900	523	36	25	10	250	10	------	1	40	5
BAY CITY, MICH. - - - - - - - - -	72	50	1	5	4	7	2	------	------	2	1
BEAUMONT-PORT ARTHUR-ORANGE, TEX.	445	93	9	7	1	326	2	------	1	5	1
BILLINGS, MONT. - - - - - - - - -	160	54	30	7	1	41	21	------	1	5	------
BILOXI-GULFPORT, MISS. - - - - - -	77	6	37	3	1	6	1	21	1	1	------
BINGHAMTON, N.Y.-PA. - - - - - - -	515	181	5	6	5	280	3	1	1	29	4
BIRMINGHAM, ALA. - - - - - - - - -	447	236	15	5	62	99	7	1	3	17	2
BLOOMINGTON-NORMAL, ILL. - - - - -	252	191	1	1	1	46	------	1	------	9	2
BOISE CITY, IDAHO - - - - - - - -	181	41	64	35	------	31	4	------	2	4	------
BOSTON, MASS. - - - - - - - - - -	9,268	4,193	737	194	561	2,669	140	106	75	494	99
BRIDGEPORT, CONN. - - - - - - - -	330	173	9	6	4	113	10	------	3	11	1
BROCKTON, MASS. - - - - - - - - -	86	50	9	7	2	11	------	------	------	6	1
BROWNSVILLE-HARLINGEN-SAN BENITO, TEX. - - - - - - - - - - - - - -	40	6	15	2	------	7	6	2	------	2	------
BUFFALO, N.Y. - - - - - - - - - -	2,037	879	45	118	158	702	20	5	13	81	16
CANTON, OHIO - - - - - - - - - - -	152	66	3	8	10	56	1	------	1	6	1
CEDAR RAPIDS, IOWA - - - - - - - -	153	83	------	2	------	58	1	------	------	5	4
CHAMPAIGN-URBANA, ILL. - - - - - -	2,058	1,609	51	141	16	60	7	39	3	106	26
CHARLESTON, S.C. - - - - - - - - -	256	110	47	9	1	51	1	27	1	9	------
CHARLESTON, W.VA. - - - - - - - -	503	46	6	28	3	403	6	1	1	9	------
CHARLOTTE, N.C. - - - - - - - - -	368	113	4	11	6	210	7	------	6	9	2
CHATTANOOGA, TENN.-GA. - - - - - -	238	56	18	9	2	135	6	1	5	4	2
CHICAGO, ILL. - - - - - - - - - -	10,445	4,127	285	299	568	4,215	257	49	107	460	78
CINCINNATI, OHIO-KY.-IND. - - - -	1,884	555	209	21	53	878	19	39	18	79	13
CLEVELAND, OHIO - - - - - - - - -	3,123	1,027	248	81	119	1,403	60	11	21	127	26
COLORADO SPRINGS, COLO. - - - - -	422	145	36	6	2	61	7	151	2	10	2
COLUMBIA, S.C. - - - - - - - - - -	402	261	28	47	1	30	10	5	3	14	3
COLUMBUS, GA.-ALA. - - - - - - - -	89	25	4	2	5	15	2	29	2	3	2
COLUMBUS, OHIO - - - - - - - - - -	2,396	1,274	68	101	436	310	38	20	24	102	23
CORPUS CHRISTI, TEX. - - - - - - -	523	41	15	6	7	379	46	13	1	10	5
DALLAS, TEX. - - - - - - - - - - -	2,166	608	53	22	48	1,245	87	6	17	64	16
DAVENPORT-ROCK ISLAND-MOLINE, IOWA-ILL. - - - - - - - - - - - -	246	101	54	9	12	44	4	2	------	19	1
DAYTON, OHIO - - - - - - - - - - -	1,345	325	319	24	86	374	12	146	28	26	5
DECATUR, ILL. - - - - - - - - - -	122	25	------	5	1	81	2	1	------	6	1
DENVER, COLO. - - - - - - - - - -	4,066	1,318	830	107	119	1,245	155	86	29	155	22
DES MOINES, IOWA - - - - - - - - -	286	104	22	33	11	93	8	------	2	11	2
DETROIT, MICH. - - - - - - - - - -	3,203	1,207	74	109	178	1,397	67	10	28	108	25
DUBUQUE, IOWA - - - - - - - - - -	78	61	------	2	1	8	1	------	2	3	------
DULUTH-SUPERIOR, MINN.-WIS. - - -	284	166	36	15	10	41	------	3	------	9	4
DURHAM, N.C. - - - - - - - - - - -	1,714	1,174	91	14	84	149	4	24	5	134	35
EL PASO, TEX. - - - - - - - - - -	249	102	30	5	11	49	6	34	------	12	------
ERIE, PA. - - - - - - - - - - - -	224	118	1	5	2	91	2	------	------	5	------
EUGENE, OREG. - - - - - - - - - -	606	417	55	15	10	43	11	1	1	44	9
EVANSVILLE, IND.-KY. - - - - - - -	269	62	9	3	8	162	12	------	2	9	2
FALL RIVER, MASS.-R.I. - - - - - -	47	19	------	1	1	23	------	------	------	2	1
FARGO-MOORHEAD, N.DAK.-MINN. - - -	336	245	54	5	1	9	------	1	1	18	2
FAYETTEVILLE, N.C. - - - - - - - -	72	23	7	2	------	7	------	31	1	1	------
FITCHBURG-LEOMINSTER, MASS. - - -	85	25	------	2	2	48	2	------	1	3	2
FLINT, MICH. - - - - - - - - - - -	192	111	2	13	5	38	7	------	3	11	2
FORT LAUDERDALE-HOLLYWOOD, FLA. -	165	67	8	8	3	44	12	------	2	20	1
FORT SMITH, ARK.-OKLA. - - - - - -	29	4	6	------	3	12	3	------	------	1	------
FORT WAYNE, IND. - - - - - - - - -	242	100	1	6	6	118	1	------	1	8	1
FORT WORTH, TEX. - - - - - - - - -	779	273	77	15	16	332	26	11	3	21	5
FRESNO, CALIF. - - - - - - - - - -	371	196	54	32	5	49	14	------	2	17	2
GADSDEN, ALA. - - - - - - - - - -	10	3	------	------	1	4	1	------	------	1	------
GALVESTON-TEXAS CITY, TEX. - - - -	295	123	12	6	2	139	2	2	1	8	------
GARY-HAMMOND-EAST CHICAGO, IND. -	564	179	1	5	4	349	5	1	------	14	6
GRAND RAPIDS, MICH. - - - - - - -	337	191	5	4	11	98	11	------	3	13	1
GREAT FALLS, MONT. - - - - - - - -	69	12	27	1	1	9	1	16	1	1	------
GREEN BAY, WIS. - - - - - - - - -	102	69	2	2	2	22	2	------	2	1	------
GREENSBORO-WINSTON-SALEM-HIGH POINT, N.C. - - - - - - - - -	561	285	3	8	12	235	5	------	2	10	1
GREENVILLE, S.C. - - - - - - - - -	142	51	------	2	4	72	2	------	2	6	3
HAMILTON-MIDDLETOWN, OHIO - - - -	288	211	------	4	1	61	------	------	------	11	------

TABLE A-31. NUMBER OF SCIENTISTS, BY STANDARD METROPOLITAN STATISTICAL AREA AND TYPE OF EMPLOYER, 1970--CONTINUED

LOCATION	TOTAL	TYPE OF EMPLOYER								NOT EMPLOYED	NO REPORT OF TYPE OF EMPLOYER
		EDUCATIONAL INSTITUTIONS	FEDERAL GOVERNMENT	OTHER GOVERNMENT	NONPROFIT ORGANIZATIONS	INDUSTRY AND BUSINESS	SELF-EMPLOYED	MILITARY	OTHER		
STANDARD METROPOLITAN STATISTICAL AREAS - CONTINUED											
HARRISBURG, PA.	577	213	36	149	12	124	11	9	3	15	5
HARTFORD, CONN.	1,042	232	25	86	55	580	19	4	5	30	6
HONOLULU, HAWAII	1,140	626	116	66	34	118	11	95	14	55	5
HOUSTON, TEX.	4,873	933	215	63	80	3,189	165	17	27	161	23
HUNTINGTON-ASHLAND, W.VA.-KY.-OHIO	194	65	19	3	5	94	2	------	1	5	------
HUNTSVILLE, ALA.	568	76	237	2	7	199	6	20	4	14	3
INDIANAPOLIS, IND.	1,312	355	61	50	26	751	13	9	7	33	7
JACKSON, MICH.	74	27	------	8	2	30	------	1	3	2	1
JACKSON, MISS.	308	133	30	20	5	88	24	1	2	4	1
JACKSONVILLE, FLA.	229	67	22	13	3	70	7	35	1	9	2
JERSEY CITY, N.J.	538	234	6	3	6	246	6	2	2	31	2
JOHNSTOWN, PA.	88	57	3	3	2	9	4	3	1	6	------
KALAMAZOO, MICH.	704	258	1	10	8	401	2	4	1	17	2
KANSAS CITY, MO.-KANS.	1,238	395	117	53	112	457	26	20	19	29	10
KENOSHA, WIS.	61	50	------	3	1	5	------	------	------	1	1
KNOXVILLE, TENN.	1,633	575	152	62	32	614	16	4	100	58	20
LAFAYETTE, LA.	372	91	------	1	1	238	31	------	------	6	4
LAFAYETTE-WEST LAFAYETTE, IND.	1,420	1,191	45	9	14	85	3	1	1	61	10
LAKE CHARLES, LA.	156	47	8	1	------	96	3	------	------	1	------
LANCASTER, PA.	430	179	2	4	7	219	2	2	1	13	1
LANSING, MICH.	1,673	1,259	71	160	19	55	4	5	2	78	20
LAREDO, TEX.	18	7	2	------	------	3	1	4	------	1	------
LAS VEGAS, NEV.	237	64	66	13	1	64	6	11	------	10	2
LAWRENCE-HAVERHILL, MASS.-N.H.	148	63	2	6	2	51	4	1	1	16	2
LAWTON, OKLA.	68	13	11	2	------	3	2	31	2	4	------
LEWISTON-AUBURN, MAINE	34	26	1	1	1	2	2	------	------	1	------
LEXINGTON, KY.	802	606	38	16	22	45	10	14	5	40	6
LIMA, OHIO	63	25	------	------	2	33	1	------	------	1	1
LINCOLN, NEBR.	728	510	70	38	3	53	4	3	5	39	3
LITTLE ROCK-NORTH LITTLE ROCK, ARK.	277	111	55	31	5	50	4	12	1	6	2
LORAIN-ELYRIA, OHIO	209	90	------	3	5	99	1	1	------	8	2
LOS ANGELES-LONG BEACH, CALIF.	11,360	4,328	330	424	613	4,441	473	77	63	526	85
LOUISVILLE, KY.-IND.	697	265	36	20	13	304	11	5	5	31	7
LOWELL, MASS.	204	98	4	1	1	88	1	1	1	7	2
LUBBOCK, TEX.	355	274	7	10	5	20	14	6	------	18	1
LYNCHBURG, VA.	126	60	1	6	1	51	2	------	------	5	------
MACON, GA.	103	29	31	10	1	16	2	10	------	3	1
MADISON, WIS.	2,404	1,743	131	147	33	129	14	17	6	156	28
MANCHESTER, N.H.	51	31	1	1	3	10	2	------	------	3	------
MANSFIELD, OHIO	35	23	1	1	1	6	1	------	------	2	------
MAYAGUEZ, P.R.	96	74	8	3	1	7	------	------	1	1	1
MCALLEN-PHARR-EDENBURG, TEX.	103	39	31	4	------	21	2	1	2	3	------
MEMPHIS, TENN.-ARK.	594	320	39	4	38	159	12	3	4	12	3
MERIDEN, CONN.	17	3	------	3	2	8	1	------	------	------	------
MIAMI, FLA.	958	502	141	17	30	145	46	17	6	48	6
MIDLAND, TEX.	606	14	5	4	1	487	77	1	1	13	3
MILWAUKEE, WIS.	1,481	729	62	53	51	472	24	2	17	57	14
MINNEAPOLIS-ST. PAUL, MINN.	3,975	1,753	203	151	81	1,556	46	9	18	127	31
MOBILE, ALA.	194	88	14	8	3	67	------	4	4	6	------
MONROE, LA.	129	76	------	6	2	32	4	2	------	6	1
MONTGOMERY, ALA.	144	43	18	23	4	11	5	35	1	3	1
MUNCIE, IND.	172	142	1	------	2	18	1	------	------	8	------
MUSKEGON-MUSKEGON HEIGHTS, MICH.	82	20	1	6	1	49	1	2	------	2	------
NASHVILLE, TENN.	753	456	34	54	17	125	7	4	3	44	9
NEW BEDFORD, MASS.	67	45	------	------	2	16	2	------	------	2	------
NEW BRITAIN, CONN.	100	73	------	2	2	13	3	------	------	6	1
NEW HAVEN, CONN.	1,463	986	43	37	35	201	10	7	12	104	28
NEW LONDON-GROTON-NORWICH, CONN.	390	78	87	9	5	163	5	34	2	6	1
NEW ORLEANS, LA.	1,786	642	189	26	33	759	54	7	4	60	12
NEW YORK, N.Y.	19,184	7,660	462	708	1,441	6,809	730	179	201	831	163
NEWARK, N.J.	5,335	758	180	29	67	4,005	104	13	24	128	27
NEWPORT NEWS-HAMPTON, VA.	325	54	174	5	1	34	3	44	2	7	1
NORFOLK-PORTSMOUTH, VA.	389	159	49	22	4	45	5	88	2	13	2
NORWALK, CONN.	248	55	1	------	5	147	19	------	1	18	2
ODESSA, TEX.	55	13	1	1	------	34	2	1	1	2	------
OGDEN, UTAH	202	64	93	6	3	22	------	9	------	5	------
OKLAHOMA CITY, OKLA.	1,311	508	100	50	33	451	76	33	6	43	11
OMAHA, NEBR.-IOWA	646	262	51	10	10	120	12	150	5	22	4
ORLANDO, FLA.	343	91	83	11	6	124	6	8	2	12	------
OXNARD-VENTURA, CALIF.	342	84	47	27	4	145	14	5	1	14	1
PATERSON-CLIFTON-PASSAIC, N.J.	1,711	301	7	15	21	1,223	52	4	10	67	11
PENSACOLA, FLA.	261	74	25	4	3	119	3	27	------	6	------
PEORIA, ILL.	372	113	128	28	6	81	4	1	------	9	2
PHILADELPHIA, PA.-N.J.	8,390	2,921	451	183	442	3,731	129	69	61	346	57
PHOENIX, ARIZ.	1,044	451	102	69	24	289	32	20	8	43	6
PINE BLUFF, ARK.	28	5	13	------	------	8	1	1	------	------	------
PITTSBURGH, PA.	3,914	1,466	135	60	127	1,864	45	11	33	150	23
PITTSFIELD, MASS.	91	20	1	2	------	59	3	1	1	4	------
PONCE, P.R.	25	6	------	1	2	13	------	------	------	2	1
PORTLAND, MAINE	130	49	5	3	7	55	7	------	1	1	2
PORTLAND, OREG.-WASH.	1,297	522	270	85	52	261	41	5	12	41	8
PROVIDENCE-PAWTUCKET-WARWICK, R.I.-MASS.	981	551	25	28	51	213	10	17	3	71	12
PROVO-OREM, UTAH	351	289	12	7	2	17	3	------	1	16	4
PUEBLO, COLO.	76	45	6	7	5	9	------	------	------	4	------
RACINE, WIS.	149	29	------	5	1	109	2	------	1	1	1
RALEIGH, N.C.	915	637	67	77	9	64	4	8	------	42	7

TABLE A-31. NUMBER OF SCIENTISTS, BY STANDARD METROPOLITAN STATISTICAL AREA AND TYPE OF EMPLOYER, 1970--CONTINUED

LOCATION	TOTAL	TYPE OF EMPLOYER								NOT EMPLOYED	NO REPORT OF TYPE OF EMPLOYER
		EDUCA-TIONAL INSTI-TUTIONS	FEDERAL GOVERN-MENT	OTHER GOVERN-MENT	NONPROFIT ORGANIZA-TIONS	INDUSTRY AND BUSINESS	SELF-EMPLOYED	MILITARY	OTHER		
STANDARD METROPOLITAN STATISTICAL AREAS - CONTINUED											
READING, PA.	221	75	3	9	9	112	2	------	4	7	------
RENO, NEV.	346	215	53	15	3	43	7	------	1	8	1
RICHMOND, VA.	769	289	16	82	12	319	11	4	7	24	5
ROANOKE, VA.	126	64	23	6	1	21	5	------	1	4	1
ROCHESTER, N.Y.	2,553	854	13	21	41	1,488	8	8	10	88	22
ROCKFORD, ILL.	110	47	------	9	4	39	4	1	------	4	2
SACRAMENTO, CALIF.	1,882	1,073	138	290	20	183	30	51	1	84	12
SAGINAW, MICH.	53	15	3	4	4	18	2	------	------	6	1
SALEM, OREGON	180	72	31	44	2	21	5	1	------	4	------
SALINAS-MONTEREY, CALIF.	448	153	80	15	11	70	8	79	5	23	4
ST. JOSEPH, MO.	47	13	------	7	4	19	------	1	------	3	------
ST. LOUIS, MO.-ILL.	3,310	1,155	194	81	81	1,438	54	135	20	127	25
SALT LAKE CITY, UTAH	1,113	482	150	59	17	284	35	15	2	58	11
SAN ANGELO, TEX.	60	26	5	7	2	6	6	4	------	3	1
SAN ANTONIO, TEX.	809	222	141	24	75	113	47	150	4	25	8
SAN BERNARDINO-RIVERSIDE-ONTARIO, CALIF.	1,355	718	166	69	52	168	35	49	5	75	18
SAN DIEGO, CALIF.	2,256	1,058	275	53	99	505	47	70	12	122	15
SAN FRANCISCO-OAKLAND, CALIF.	8,099	3,377	771	331	484	2,102	196	307	54	415	62
SAN JOSE, CALIF.	3,681	1,412	227	51	76	1,561	83	27	9	206	29
SAN JUAN, P.R.	288	161	37	21	7	32	5	7	3	13	2
SANTA BARBARA, CALIF.	789	370	38	13	9	239	32	18	5	58	7
SAVANNAH, GA.	151	41	36	4	------	55	2	10	1	1	1
SCRANTON, PA.	104	73	1	4	1	16	2	------	2	5	------
SEATTLE-EVERETT, WASH.	2,784	1,420	206	83	50	737	46	43	8	167	24
SHERMAN-DENISON, TEX.	47	27	1	1	------	9	2	5	------	2	------
SHREVEPORT, LA.	297	60	13	2	1	154	37	20	3	4	3
SIOUX CITY, IOWA-NEB.	52	35	2	6	------	3	------	2	1	3	------
SIOUX FALLS, S.DAK.	73	44	8	------	5	9	1	2	3	1	------
SOUTH BEND, IND.	499	382	3	3	5	70	2	1	2	26	5
SPOKANE, WASH.	227	128	23	12	3	41	9	3	------	6	2
SPRINGFIELD, ILL.	108	24	2	55	2	19	------	------	1	4	1
SPRINGFIELD, MO.	122	81	5	6	------	20	3	------	------	6	1
SPRINGFIELD, OHIO	64	49	1	2	3	4	2	2	------	------	1
SPRINGFIELD-CHICOPEE-HOLYOKE, MASS.-CONN.	568	242	18	16	12	230	6	16	1	24	3
STAMFORD, CONN.	612	54	------	5	11	500	22	------	------	19	1
STEUBENVILLE-WEIRTON, OHIO-W.VA.	60	29	------	2	------	20	2	------	1	6	------
STOCKTON, CALIF.	166	90	3	17	6	28	6	1	2	11	2
SYRACUSE, N.Y.	1,423	805	35	24	41	390	23	14	8	74	9
TACOMA, WASH.	393	146	34	26	4	120	7	36	2	16	2
TALLAHASSEE, FLA.	749	523	30	70	5	13	7	6	4	72	19
TAMPA-ST. PETERSBURG, FLA.	571	294	25	19	20	145	14	21	3	27	3
TERRE HAUTE, IND.	273	170	2	------	1	83	3	1	------	10	3
TEXARKANA, TEX.-ARK.	16	8	5	------	------	1	1	1	------	------	------
TOLEDO, OHIO-MICH.	755	384	8	17	9	290	11	2	2	27	5
TOPEKA, KANS.	220	55	17	55	34	36	4	11	3	4	1
TRENTON, N.J.	1,864	636	37	103	140	786	24	7	20	91	20
TUCSON, ARIZ.	1,131	779	78	16	19	126	21	18	5	59	10
TULSA, OKLA.	655	83	21	7	15	463	37	4	1	20	4
TUSCALOOSA, ALA.	266	190	13	26	3	18	1	5	------	10	------
TYLER, TEX.	84	14	------	2	------	51	15	------	------	2	------
UTICA-ROME, N.Y.	249	107	41	14	8	53	2	17	1	5	1
VALLEJO-NAPA, CALIF.	202	60	33	32	1	30	1	35	2	5	3
VINELAND-MILLVILLE-BRIDGETON, N.J.	36	8	------	2	2	17	4	------	1	1	1
WACO, TEX.	139	80	12	6	3	19	1	1	2	14	1
WASHINGTON, D.C.-MD.-VA.	17,711	2,854	9,090	388	1,122	1,968	256	1,208	123	596	106
WATERBURY, CONN.	213	33	1	1	7	163	2	------	1	4	1
WATERLOO, IOWA	103	83	1	------	1	12	2	------	------	3	1
WEST PALM BEACH, FLA.	236	117	11	8	2	64	13	1	1	16	3
WHEELING, W.VA.-OHIO	82	50	10	1	2	14	------	1	------	4	------
WICHITA, KANS.	477	161	10	7	14	215	40	8	3	17	2
WICHITA FALLS, TEX.	113	34	9	2	3	25	25	13	------	2	------
WILKES-BARRE-HAZLETON, PA.	140	91	8	4	7	22	4	------	1	2	1
WILMINGTON, DEL.-N.J.-MD.	3,141	343	16	18	33	2,577	20	15	9	95	15
WILMINGTON, N.C.	58	24	5	1	2	20	2	2	1	1	------
WORCESTER, MASS.	480	248	4	15	51	125	7	4	2	20	4
YORK, PA.	165	87	------	4	5	62	5	------	1	1	------
YOUNGSTOWN-WARREN, OHIO	151	91	2	6	6	37	5	------	1	2	1
OTHER LOCATIONS	73,385	36,955	7,955	3,563	1,466	16,342	1,036	2,171	463	2,928	506

SOURCE - NATIONAL REGISTER OF SCIENTIFIC AND TECHNICAL PERSONNEL, 1970.

TABLE A-32. NUMBER OF SCIENTISTS, BY STANDARD METROPOLITAN STATISTICAL AREA AND PRIMARY WORK ACTIVITY, 1970

LOCATION	TOTAL	PRIMARY WORK ACTIVITY										NOT EMPLOYED	NO REPORT OF WORK ACTIVITY
		RESEARCH AND DEVELOPMENT			MANAGEMENT OR ADMINISTRATION		TEACHING	PRO-DUCTION AND INSPEC-TION	CON-SULTING	EXPLORA-TION, FORE-CASTING, REPORTING	OTHER		
		TOTAL (A)	BASIC RESEARCH	APPLIED RESEARCH	TOTAL (B)	OF R&D							
ALL LOCATIONS	312,644	97,078	44,544	40,704	68,708	29,723	72,408	16,086	14,544	14,535	8,113	12,908	8,264
STANDARD METROPOLITAN STATISTICAL AREAS	239,259	77,841	35,745	32,385	52,116	24,293	49,787	12,820	12,522	11,772	6,123	9,980	6,298
ABILENE, TEX.	145	13	2	10	22	6	52	8	4	33	2	6	5
AKRON, OHIO	1,478	532	129	248	348	204	277	155	37	18	32	49	30
ALBANY, GA.	40	4	1	3	13	3	14	2	1	2	1	------	3
ALBANY-SCHENECTADY-TROY, N.Y.	1,968	708	295	306	404	218	460	88	77	38	43	81	69
ALBUQUERQUE, N.MEX.	1,012	384	145	212	257	131	163	16	44	62	31	32	23
ALLENTOWN-BETHLEHEM-EASTON, PA.-N.J.	813	231	76	104	161	77	261	59	23	16	16	24	22
ALTOONA, PA.	48	6	2	1	8	1	22	6	2	------	3	1	------
AMARILLO, TEX.	206	31	11	16	40	12	45	18	8	50	3	7	4
ANAHEIM-SANTA ANA-GARDEN GROVE, CALIF.	1,912	693	155	399	408	233	335	89	117	88	41	87	54
ANDERSON, IND.	35	3	------	2	2	------	22	5	------	1	2	------	------
ANN ARBOR, MICH.	2,271	864	573	258	246	130	746	24	59	53	35	168	76
ASHEVILLE, N.C.	187	49	8	26	57	20	24	10	5	21	9	7	5
ATLANTA, GA.	1,836	420	203	181	458	155	478	105	92	88	65	87	48
ATLANTIC CITY, N.J.	81	27	2	18	14	2	17	1	3	7	4	5	3
AUGUSTA, GA.-S.C.	360	104	35	53	104	38	57	48	8	7	11	5	16
AUSTIN, TEX.	1,296	489	324	143	194	92	376	20	31	48	27	84	27
BAKERSFIELD, CALIF.	579	155	39	91	123	56	53	46	25	133	21	9	14
BALTIMORE, MD.	3,327	1,332	631	573	677	346	586	171	139	93	76	148	105
BATON ROUGE, LA.	900	295	152	123	153	63	250	89	21	8	23	40	21
BAY CITY, MICH.	72	3	1	2	10	4	40	6	6	2	3	2	------
BEAUMONT-PORT ARTHUR-ORANGE, TEX.	445	90	5	56	92	27	75	130	10	26	10	5	7
BILLINGS, MONT.	160	10	1	8	28	5	47	6	13	44	6	5	1
BILOXI-GULFPORT, MISS.	77	21	12	7	23	8	12	4	4	3	5	1	4
BINGHAMTON, N.Y.-PA.	515	174	37	78	107	54	118	30	21	15	7	29	14
BIRMINGHAM, ALA.	447	109	73	31	112	42	128	20	17	18	10	17	16
BLOOMINGTON-NORMAL, ILL.	252	22	8	12	49	15	155	4	3	4	3	9	3
BOISE CITY, IDAHO	181	21	1	19	78	11	32	3	9	20	10	4	4
BOSTON, MASS.	9,268	3,933	2,205	1,341	1,604	919	1,728	258	548	240	164	494	299
BRIDGEPORT, CONN.	330	63	9	21	65	26	130	24	23	2	6	11	6
BROCKTON, MASS.	86	9	6	1	10	4	45	4	8	------	3	6	1
BROWNSVILLE-HARLINGEN-SAN BENITO, TEX.	40	13	2	10	13	5	4	2	2	3	------	2	1
BUFFALO, N.Y.	2,037	758	399	250	382	186	456	159	68	29	44	81	60
CANTON, OHIO	152	30	5	20	28	6	55	13	10	5	3	6	2
CEDAR RAPIDS, IOWA	153	23	1	17	31	12	72	13	4	1	3	5	1
CHAMPAIGN-URBANA, ILL.	2,058	1,056	783	257	177	84	543	8	30	31	55	106	52
CHARLESTON, S.C.	256	49	18	21	64	15	73	19	13	13	4	9	12
CHARLESTON, W.VA.	503	162	29	73	135	59	34	100	13	15	23	9	12
CHARLOTTE, N.C.	368	76	2	43	89	42	95	52	16	10	10	9	11
CHATTANOOGA, TENN.-GA.	238	35	1	21	75	35	53	38	9	11	9	4	4
CHICAGO, ILL.	10,445	3,375	1,613	1,307	2,394	1,136	2,002	745	680	302	231	460	256
CINCINNATI, OHIO-KY.-IND.	1,884	608	234	265	481	282	334	161	88	41	52	79	40
CLEVELAND, OHIO	3,123	1,127	476	488	696	352	516	259	169	71	79	127	79
COLORADO SPRINGS, COLO.	422	61	11	37	92	37	188	6	13	27	13	10	12
COLUMBIA, S.C.	402	79	54	21	81	17	159	10	21	14	11	14	13
COLUMBUS, GA.-ALA.	89	7	2	3	27	8	25	3	6	2	8	3	8
COLUMBUS, OHIO	2,396	728	385	297	433	215	669	74	89	166	70	102	65
CORPUS CHRISTI, TEX.	523	75	17	37	87	37	27	81	11	202	13	10	17
DALLAS, TEX.	2,166	635	202	308	496	202	339	139	151	225	60	64	57
DAVENPORT-ROCK ISLAND-MOLINE, IOWA-ILL.	246	40	5	32	54	19	88	13	14	5	8	19	5
DAYTON, OHIO	1,345	509	187	236	365	232	251	50	42	51	23	26	28
DECATUR, ILL.	122	36	4	21	31	20	19	15	3	------	4	6	8
DENVER, COLO.	4,066	1,297	656	537	815	327	668	143	225	599	75	155	89
DES MOINES, IOWA	286	41	9	27	91	27	85	16	21	8	9	11	4
DETROIT, MICH.	3,203	914	298	458	689	302	790	236	208	86	79	108	93
DUBUQUE, IOWA	78	8	1	7	8	2	49	1	4	1	1	3	3
DULUTH-SUPERIOR, MINN.-WIS.	284	30	11	16	63	8	135	9	6	13	6	9	13
DURHAM, N.C.	1,714	714	539	152	207	126	467	8	50	39	32	134	63
EL PASO, TEX.	249	36	11	23	46	16	87	15	11	16	17	12	9
ERIE, PA.	224	42	2	27	56	22	95	11	8	2	1	5	4
EUGENE, OREG.	606	180	150	27	119	24	206	------	15	9	20	44	13
EVANSVILLE, IND.-KY.	269	57	30	16	72	41	53	30	10	20	8	9	10
FALL RIVER, MASS.-R.I.	47	17	2	4	5	2	15	4	1	------	2	2	1
FARGO-MOORHEAD, N.DAK.-MINN.	336	101	61	40	39	20	146	1	7	4	8	18	12
FAYETTEVILLE, N.C.	72	3	------	2	23	4	25	1	3	4	7	1	5
FITCHBURG-LEOMINSTER, MASS.	85	17	1	5	23	15	23	8	3	------	4	3	4
FLINT, MICH.	192	21	3	9	26	6	98	8	22	2	2	11	2
FORT LAUDERDALE-HOLLYWOOD, FLA.	165	42	11	27	31	13	32	10	18	2	5	20	5
FORT SMITH, ARK.-OKLA.	29	1	1	------	9	2	3	6	3	4	2	1	------
FORT WAYNE, IND.	242	39	4	22	74	28	82	6	11	14	4	8	4
FORT WORTH, TEX.	779	145	35	92	168	64	210	42	32	118	19	21	24
FRESNO, CALIF.	371	68	12	55	83	17	151	10	14	9	12	17	7
GADSDEN, ALA.	10	2	------	------	2	1	3	------	------	2	------	1	------

TABLE A-32. NUMBER OF SCIENTISTS, BY STANDARD METROPOLITAN STATISTICAL AREA AND PRIMARY WORK ACTIVITY, 1970--CONTINUED

LOCATION	TOTAL	PRIMARY WORK ACTIVITY										NOT EMPLOYED	NO REPORT OF WORK ACTIVITY
		RESEARCH AND DEVELOPMENT			MANAGEMENT OR ADMINISTRATION		TEACHING	PRO-DUCTION AND INSPEC-TION	CON-SULTING	EXPLORA-TION, FORE-CASTING, REPORTING	OTHER		
		TOTAL (A)	BASIC RESEARCH	APPLIED RESEARCH	TOTAL (B)	OF R&D							
STANDARD METROPOLITAN STATISTICAL AREAS - CONTINUED													
GALVESTON-TEXAS CITY, TEX.	295	91	34	38	56	25	57	51	14	4	7	8	7
GARY-HAMMOND-EAST CHICAGO, IND.	564	145	17	88	125	71	147	82	19	7	11	14	14
GRAND RAPIDS, MICH.	337	45	4	28	59	21	158	27	23	5	3	13	4
GREAT FALLS, MONT.	69	4	2	1	19	1	11	8	4	19	3	1	------
GREEN BAY, WIS.	102	6	------	4	22	3	57	8	4	3	1	1	------
GREENSBORO-WINSTON-SALEM-HIGH POINT, N.C.	561	160	67	68	116	62	203	22	22	5	11	10	12
GREENVILLE, S.C.	142	20	1	10	35	18	46	24	6	2	1	6	2
HAMILTON-MIDDLETOWN, OHIO	288	34	12	19	37	18	174	11	6	4	4	11	7
HARRISBURG, PA.	577	128	48	65	158	60	152	35	37	24	12	15	16
HARTFORD, CONN.	1,042	269	46	161	339	140	174	43	75	53	32	30	27
HONOLULU, HAWAII	1,140	383	228	142	231	83	255	33	49	64	42	55	28
HOUSTON, TEX.	4,873	1,325	471	632	1,058	379	445	545	223	891	115	161	110
HUNTINGTON-ASHLAND, W.VA.-KY.-OHIO	194	32	7	16	37	7	51	46	2	9	9	5	3
HUNTSVILLE, ALA.	568	251	56	154	141	108	54	19	12	46	16	14	15
INDIANAPOLIS, IND.	1,312	484	183	212	320	141	237	98	43	29	38	33	30
JACKSON, MICH.	74	9	1	5	20	5	23	7	3	7	2	2	1
JACKSON, MISS.	308	47	35	12	58	19	88	11	12	73	7	4	8
JACKSONVILLE, FLA.	229	21	6	12	82	16	53	15	11	21	11	9	6
JERSEY CITY, N.J.	538	139	55	45	122	57	143	66	14	4	9	31	10
JOHNSTOWN, PA.	88	6	1	4	12	1	45	3	5	2	3	6	6
KALAMAZOO, MICH.	704	260	80	140	153	80	176	32	23	14	16	17	13
KANSAS CITY, MO.-KANS.	1,238	297	104	148	320	149	260	120	91	69	26	29	26
KENOSHA, WIS.	61	6	2	3	7	------	40	1	6	------	------	1	------
KNOXVILLE, TENN.	1,633	747	411	258	304	168	288	55	29	59	44	58	49
LAFAYETTE, LA.	372	9	4	5	42	9	69	45	10	178	5	6	8
LAFAYETTE-WEST LAFAYETTE, IND.	1,420	650	452	187	141	55	462	21	8	15	29	61	33
LAKE CHARLES, LA.	156	20	2	9	44	5	38	40	1	8	3	1	1
LANCASTER, PA.	430	124	19	55	82	47	156	28	9	3	4	13	11
LANSING, MICH.	1,673	632	405	215	243	85	559	16	31	26	45	78	43
LAREDO, TEX.	18	1	------	------	3	------	8	------	------	3	2	1	------
LAS VEGAS, NEV.	237	49	8	31	65	23	49	13	9	20	10	10	12
LAWRENCE-HAVERHILL, MASS.-N.H.	148	10	2	2	34	12	57	15	10	3	------	16	3
LAWTON, OKLA.	68	8	1	6	21	3	12	1	2	6	8	4	6
LEWISTON-AUBURN, MAINE	34	------	------	------	3	------	23	------	4	------	1	1	2
LEXINGTON, KY.	802	299	192	94	104	54	266	5	26	20	22	40	20
LIMA, OHIO	63	8	1	6	14	4	19	15	1	1	2	1	2
LINCOLN, NEBR.	728	227	133	87	120	37	257	12	19	12	20	39	22
LITTLE ROCK-NORTH LITTLE ROCK, ARK.	277	57	32	22	80	25	55	15	24	14	15	6	11
LORAIN-ELYRIA, OHIO	209	56	5	13	32	18	71	22	11	1	4	8	4
LOS ANGELES-LONG BEACH, CALIF.	11,360	3,567	1,361	1,612	2,440	1,191	2,279	572	868	566	278	526	264
LOUISVILLE, KY.-IND.	697	168	64	64	167	60	162	81	33	14	15	31	26
LOWELL, MASS.	204	49	13	24	38	24	81	13	4	4	2	7	6
LUBBOCK, TEX.	355	80	50	30	51	19	166	5	9	8	6	18	12
LYNCHBURG, VA.	126	25	1	10	31	9	53	4	4	2	1	5	1
MACON, GA.	103	14	2	11	31	9	28	7	2	6	8	3	4
MADISON, WIS.	2,404	1,167	857	275	289	133	537	22	61	31	65	156	76
MANCHESTER, N.H.	51	5	------	2	9	4	28	1	5	------	------	3	------
MANSFIELD, OHIO	35	4	1	2	3	1	17	5	2	------	------	2	2
MAYAGUEZ, P.R.	96	25	14	11	18	5	44	2	------	2	1	1	3
MCALLEN-PHARR-EDENBURG, TEX.	103	35	11	24	22	8	23	3	2	8	6	3	1
MEMPHIS, TENN.-ARK.	594	137	71	56	121	44	187	48	35	23	10	12	21
MERIDEN, CONN.	17	2	------	1	5	2	4	------	6	------	------	------	------
MIAMI, FLA.	958	298	177	111	179	65	229	27	72	51	21	48	33
MIDLAND, TEX.	606	13	1	11	105	19	11	89	11	334	4	13	26
MILWAUKEE, WIS.	1,481	356	129	167	332	117	468	83	103	23	26	57	33
MINNEAPOLIS-ST. PAUL, MINN.	3,975	1,502	613	629	855	471	803	177	204	91	110	127	106
MOBILE, ALA.	194	24	3	18	50	11	74	15	4	8	5	6	8
MONROE, LA.	129	10	1	7	26	6	64	10	1	5	5	6	2
MONTGOMERY, ALA.	144	17	6	10	52	16	41	6	7	6	5	3	7
MUNCIE, IND.	172	15	5	7	24	4	110	4	7	------	------	8	4
MUSKEGON-MUSKEGON HEIGHTS, MICH.	82	17	7	10	24	11	16	13	5	------	3	2	2
NASHVILLE, TENN.	753	237	148	60	142	55	211	21	36	22	16	44	24
NEW BEDFORD, MASS.	67	6	3	------	11	3	36	5	5	------	------	2	2
NEW BRITAIN, CONN.	100	3	------	3	13	2	62	5	2	1	5	6	3
NEW HAVEN, CONN.	1,463	694	521	148	143	74	357	25	40	16	26	104	58
NEW LONDON-GROTON-NORWICH, CONN.	390	172	37	107	88	46	75	18	7	10	9	6	5
NEW ORLEANS, LA.	1,786	383	226	142	284	82	333	166	72	415	25	60	46
NEW YORK, N.Y.	19,184	5,411	2,776	2,086	4,517	1,842	3,876	911	1,824	731	525	831	558
NEWARK, N.J.	5,335	2,167	764	981	1,380	818	546	502	247	107	147	128	111
NEWPORT NEWS-HAMPTON, VA.	325	140	45	87	77	39	37	9	10	18	15	7	12
NORFOLK-PORTSMOUTH, VA.	389	57	13	39	105	27	118	29	12	22	21	13	12

TABLE A-32. NUMBER OF SCIENTISTS, BY STANDARD METROPOLITAN STATISTICAL AREA AND PRIMARY WORK ACTIVITY, 1970--CONTINUED

LOCATION	TOTAL	PRIMARY WORK ACTIVITY										NOT EMPLOYED	NO REPORT OF WORK ACTIVITY
		RESEARCH AND DEVELOPMENT			MANAGEMENT OR ADMINISTRATION		TEACHING	PRO- DUCTION AND INSPEC- TION	CON- SULTING	EXPLORA- TION, FORE- CASTING, REPORTING	OTHER		
		TOTAL (A)	BASIC RESEARCH	APPLIED RESEARCH	TOTAL (B)	OF R&D							
STANDARD METROPOLITAN STATISTICAL AREAS - CONTINUED													
NORWALK, CONN.	248	70	9	45	60	36	37	15	25	11	6	18	8
ODESSA, TEX.	55	9	------	3	6	1	12	18	------	4	3	2	2
OGDEN, UTAH	202	24	1	18	74	26	49	20	6	11	9	5	6
OKLAHOMA CITY, OKLA.	1,311	236	134	84	201	58	330	110	62	270	23	43	36
OMAHA, NEBR.-IOWA	646	99	39	47	145	25	182	34	41	92	11	22	20
ORLANDO, FLA.	363	93	8	70	92	39	74	21	12	20	13	12	6
OXNARD-VENTURA, CALIF.	342	69	10	53	65	19	64	27	30	30	15	14	8
PATERSON-CLIFTON-PASSAIC, N.J.	1,711	495	91	249	512	270	198	231	111	26	37	67	36
PENSACOLA, FLA.	261	62	9	36	70	33	63	34	7	6	8	6	5
PEORIA, ILL.	372	150	74	68	53	23	92	23	27	6	5	9	7
PHILADELPHIA, PA.-N.J.	9,390	2,999	1,282	1,207	1,843	902	1,506	560	543	174	192	346	227
PHOENIX, ARIZ.	1,044	264	102	111	230	85	304	47	62	39	23	41	24
PINE BLUFF, ARK.	28	2	------	2	16	5	5	4	------	1	------	------	------
PITTSBURGH, PA.	3,834	1,436	566	630	866	428	725	261	103	117	91	150	85
PITTSFIELD, MASS.	91	24	1	9	21	11	16	9	5	5	6	4	3
PONCE, P.R.	25	------	------	------	4	------	5	11	------	------	------	2	3
PORTLAND, MAINE	130	25	4	13	35	15	44	10	10	1	2	1	2
PORTLAND, OREG.-WASH.	1,297	237	106	105	396	106	369	76	88	52	19	41	19
PROVIDENCE-PAWTUCKET-WARWICK, R.I.-MASS.	981	309	203	62	147	47	290	61	35	18	16	71	36
PROVO-OREM, UTAH	351	[illegible]	43	13	43	7	200	2	10	8	6	16	10
PUEBLO, COLO.	76	1	------	------	14	------	39	7	6	3	1	4	1
RACINE, WIS.	149	59	10	22	41	21	27	7	7	3	1	1	3
RALEIGH, N.C.	915	358	185	160	141	66	253	10	16	28	26	62	21
READING, PA.	221	49	4	27	43	21	69	21	13	6	7	7	6
RENO, NEV.	346	116	64	51	63	23	85	8	9	37	6	8	14
RICHMOND, VA.	769	223	67	129	198	99	175	54	37	20	18	24	20
ROANOKE, VA.	126	10	2	7	28	6	53	4	18	2	4	4	3
ROCHESTER, N.Y.	2,553	1,077	444	404	520	201	433	204	76	39	51	80	57
ROCKFORD, ILL.	110	8	------	5	29	12	45	10	9	6	------	4	1
SACRAMENTO, CALIF.	1,882	621	330	257	353	130	487	67	65	101	58	84	45
SAGINAW, MICH.	53	10	3	4	12	3	11	4	6	------	2	6	2
SALEM, OREGON	180	18	3	14	62	10	58	7	11	7	10	4	3
SALINAS-MONTEREY, CALIF.	448	105	23	74	86	35	149	11	10	24	26	23	16
ST. JOSEPH, MO.	47	5	1	4	19	7	14	2	1	------	2	3	1
ST. LOUIS, MO.-ILL.	3,510	1,005	414	456	823	358	840	272	169	96	91	127	89
SALT LAKE CITY, UTAH	1,113	324	182	114	230	97	222	42	51	122	27	58	37
SAN ANGELO, TEX.	60	5	1	4	10	4	21	2	3	6	2	3	7
SAN ANTONIO, TEX.	809	211	77	123	191	79	178	29	47	86	20	25	22
SAN BERNARDINO-RIVERSIDE-ONTARIO, CA.	1,355	469	206	227	254	93	338	37	60	53	29	75	40
SAN DIEGO, CALIF.	2,296	974	532	348	359	188	495	43	89	82	42	127	50
SAN FRANCISCO-OAKLAND, CALIF.	8,099	3,156	1,583	1,276	1,597	779	1,311	373	481	357	207	415	202
SAN JOSE, CALIF.	3,681	1,639	731	618	702	410	586	113	202	89	60	206	86
SAN JUAN, P.R.	288	67	40	27	57	14	98	9	15	14	6	13	11
SANTA BARBARA, CALIF.	789	305	146	124	121	57	179	17	39	48	19	58	20
SAVANNAH, GA.	151	36	10	21	51	8	32	11	2	7	8	1	3
SCRANTON, PA.	104	4	3	4	19	2	57	3	7	1	3	5	1
SEATTLE-EVERETT, WASH.	2,784	1,000	546	375	487	215	615	80	155	113	76	167	91
SHERMAN-DENISON, TEX.	47	6	------	1	10	2	21	1	3	4	1	2	1
SHREVEPORT, LA.	297	23	6	17	57	10	91	35	15	49	8	6	5
SIOUX CITY, IOWA-NEB.	52	7	1	6	8	2	28	1	3	2	------	3	------
SIOUX FALLS, S.DAK.	73	3	------	2	14	3	40	1	6	3	4	1	1
SOUTH BEND, IND.	499	152	119	15	61	26	212	10	7	7	6	26	18
SPOKANE, WASH.	227	25	5	15	50	9	101	5	10	24	6	6	2
SPRINGFIELD, ILL.	108	15	5	7	40	14	17	5	9	9	6	4	3
SPRINGFIELD, MO.	122	4	------	3	20	5	68	8	8	3	2	6	3
SPRINGFIELD, OHIO	66	3	1	2	9	4	46	------	3	1	------	------	2
SPRINGFIELD-CHICOPEE-HOLYOKE, MASS.-CONN.	568	105	14	58	118	61	215	40	31	10	9	24	16
STAMFORD, CONN.	612	211	32	127	183	111	37	64	53	6	24	19	15
STEUBENVILLE-WEIRTON, OHIO-W.VA.	60	6	------	4	9	1	26	6	4	1	1	6	1
STOCKTON, CALIF.	166	22	5	17	31	9	62	19	13	------	5	11	9
SYRACUSE, N.Y.	1,425	448	231	167	262	129	471	53	47	33	23	74	32
TACOMA, WASH.	393	73	16	50	113	27	90	18	29	21	27	16	10
TALLAHASSEE, FLA.	749	244	185	53	95	31	248	9	12	19	17	72	33
TAMPA-ST. PETERSBURG, FLA.	571	97	31	64	123	45	206	26	45	19	12	27	16
TERRE HAUTE, IND.	273	29	7	19	49	23	151	15	6	6	4	10	3
TEXARKANA, TEX.-ARK.	16	------	------	------	4	------	9	1	1	1	------	------	------
TOLEDO, OHIO-MICH.	755	190	75	81	138	56	275	57	36	6	8	27	25
TOPEKA, KANS.	229	32	5	22	51	9	58	14	38	12	10	4	9
TRENTON, N.J.	1,664	875	466	349	177	236	296	53	68	41	66	91	61
TUCSON, ARIZ.	1,131	433	203	142	146	59	332	12	31	68	28	59	24
TULSA, OKLA.	655	131	18	100	186	53	64	57	33	133	12	20	19
TUSCALOOSA, ALA.	266	56	37	16	51	17	115	5	13	9	5	10	6
TYLER, TEX.	84	7	------	2	11	1	11	9	6	30	5	2	7
UTICA-ROME, N.Y.	249	72	12	49	44	29	82	9	10	8	12	5	7
VALLEJO-NAPA, CALIF.	207	32	6	21	43	11	56	20	22	5	12	5	7
VINELAND-MILLVILLE-BRIDGETON, N.J.	36	7	2	2	9	2	6	6	3	------	1	1	3
WACO, TEX.	139	18	7	9	24	9	61	6	6	2	6	14	7

TABLE A-32. NUMBER OF SCIENTISTS, BY STANDARD METROPOLITAN STATISTICAL AREA AND PRIMARY WORK ACTIVITY, 1970--CONTINUED

LOCATION	TOTAL	PRIMARY WORK ACTIVITY										NOT EMPLOYED	NO REPORT OF WORK ACTIVITY
		RESEARCH AND DEVELOPMENT			MANAGEMENT OR ADMINISTRATION		TEACHING	PRO-DUCTION AND INSPEC-TION	CON-SULTING	EXPLORA-TION, FORE-CASTING, REPORTING	OTHER		
		TOTAL (A)	BASIC RESEARCH	APPLIED RESEARCH	TOTAL (B)	OF R&D							
STANDARD METROPOLITAN STATISTICAL AREAS - CONTINUED													
WASHINGTON, D.C.-MD.-VA.	17,711	6,393	2,902	3,093	5,852	3,355	1,485	264	779	1,103	726	596	433
WATERBURY, CONN. - - - -	213	66	7	38	67	36	28	36	6	1	4	4	1
WATERLOO, IOWA - - - - -	103	6	1	5	12	4	67	3	6	1	2	3	3
WEST PALM BEACH, FLA. -	236	50	12	28	43	14	90	3	16	7	8	16	3
WHEELING, W.VA.-OHIO - -	82	6	2	3	12	2	43	7	1	3	5	4	1
WICHITA, KANS. - - - - -	477	62	17	33	88	24	118	36	46	92	8	17	10
WICHITA FALLS, TEX. - -	113	4	2	2	18	3	34	8	5	35	2	2	5
WILKES-BARRE-HAZLETON, PA. - - - - - - - - - -	140	10	4	4	21	5	73	10	13	2	1	2	8
WILMINGTON, DEL.-N.J.-MD. - - - - - - - - - -	3,141	1,320	400	663	846	442	191	360	104	53	109	95	63
WILMINGTON, N.C. - - - -	58	10	1	6	14	1	18	7	1	3	2	1	2
WORCESTER, MASS. - - - -	480	104	70	26	97	43	190	15	21	7	10	20	16
YORK, PA. - - - - - - - -	165	21	------	16	36	11	73	17	11	3	1	1	2
YOUNGSTOWN-WARREN, OHIO	151	22	7	7	25	4	74	8	7	1	4	2	8
OTHER LOCATIONS - - - -	73,385	19,237	8,799	8,319	16,592	5,430	22,621	3,266	2,022	2,763	1,990	2,928	1,966

(A)INCLUDES DEVELOPMENT OR DESIGN.
(B)INCLUDES MANAGEMENT OR ADMINISTRATION OF OTHER THAN RESEARCH OR DEVELOPMENT.

SOURCE - NATIONAL REGISTER OF SCIENTIFIC AND TECHNICAL PERSONNEL, 1970.

TABLE A-33. MEDIAN ANNUAL SALARIES OF SCIENTISTS, BY STANDARD METROPOLITAN STATISTICAL AREA AND FIELD, 1972

LOCATION	TOTAL	SCIENTIFIC AND TECHNICAL FIELD						
		CHEMISTRY	EARTH & MARINE SCIENCES	ATMOSPHERIC & SPACE SCIENCES	PHYSICS	MATHEMATICS	COMPUTER SCIENCES	AGRICULTURAL SCIENCES
ALL LOCATIONS	15,300	15,900	16,400	15,700	15,400	16,300	16,500	12,600
STANDARD METROPOLITAN STATISTICAL AREAS	15,500	15,600	15,300	15,500	16,200	15,300	16,500	14,800
ABILENE, TEX.	11,100	------	12,300	------	------	------	------	------
AKRON, OHIO	14,600	15,300	12,300	------	13,600	13,300	16,700	------
ALBANY, GA.	10,900	------	------	------	------	------	------	------
ALBANY-SCHENECTADY-TROY, N.Y.	15,600	16,000	13,900	------	18,000	16,800	17,000	12,600
ALBUQUERQUE, N.MEX.	16,900	16,600	15,300	------	18,000	16,600	16,600	15,200
ALLENTOWN-BETHLEHEM-EASTON, PA.-N.J.	14,600	15,500	16,900	------	18,600	12,500	------	------
ALTOONA, PA.	10,600	------	------	------	------	------	------	------
AMARILLO, TEX.	14,400	16,300	15,600	------	------	------	------	------
ANAHEIM-SANTA ANA-GARDEN GROVE, CALIF.	16,600	16,600	16,200	------	19,600	20,800	16,100	------
ANDERSON, IND.	11,300	------	------	------	------	------	------	------
ANN ARBOR, MICH.	15,300	13,900	13,900	------	15,300	16,100	13,500	16,200
ASHEVILLE, N.C.	13,900	16,300	------	15,000	------	------	------	13,800
ATLANTA, GA.	15,300	16,800	13,800	16,000	16,500	16,900	16,600	15,200
ATLANTIC CITY, N.J.	13,000	------	------	------	------	------	------	------
AUGUSTA, GA.-S.C.	15,600	15,500	------	------	------	------	------	------
AUSTIN, TEX.	14,200	16,300	16,100	------	16,000	15,300	13,700	------
BAKERSFIELD, CALIF.	16,000	17,400	16,300	------	16,900	17,300	------	12,600
BALTIMORE, MD.	15,300	15,800	16,300	------	15,200	16,700	16,000	13,000
BATON ROUGE, LA.	16,600	16,900	13,900	------	12,000	12,000	------	13,500
BAY CITY, MICH.	12,600	------	------	------	------	------	------	------
BEAUMONT-PORT ARTHUR-ORANGE, TEX.	16,500	15,000	15,000	------	------	------	------	------
BILLINGS, MONT.	13,200	------	15,000	------	------	------	------	------
BILOXI-GULFPORT, MISS.	13,600	------	------	------	------	------	------	------
BINGHAMTON, N.Y.-PA.	16,000	16,000	------	------	17,200	17,600	16,500	------
BIRMINGHAM, ALA.	15,000	13,900	------	------	------	16,600	------	------
BLOOMINGTON-NORMAL, ILL.	16,600	------	------	------	------	16,200	------	------
BOISE CITY, IDAHO	13,500	------	------	------	------	------	------	12,600
BOSTON, MASS.	16,000	15,000	13,800	16,100	17,600	16,000	17,000	13,800
BRIDGEPORT, CONN.	13,300	12,700	------	------	------	11,500	------	------
BROCKTON, MASS.	13,700	------	------	------	------	------	------	------
BROWNSVILLE-HARLINGEN-SAN BENITO, TEX.	16,000	------	------	------	------	------	------	------
BUFFALO, N.Y.	15,000	16,600	13,000	------	15,500	13,300	13,800	------
CANTON, OHIO	12,800	12,000	------	------	------	------	------	------
CEDAR RAPIDS, IOWA	16,000	16,000	------	------	------	------	------	------
CHAMPAIGN-URBANA, ILL.	16,500	12,500	15,000	16,000	15,000	12,500	16,500	16,600
CHARLESTON, S.C.	15,000	15,100	------	------	------	------	------	------
CHARLESTON, W.VA.	17,700	16,600	------	------	------	------	------	------
CHARLOTTE, N.C.	16,600	15,500	------	------	------	------	------	------
CHATTANOOGA, TENN.-GA.	13,700	15,000	------	------	------	15,000	------	------
CHICAGO, ILL.	15,600	15,600	13,200	15,000	15,600	15,500	15,000	16,600
CINCINNATI, OHIO-KY.-IND.	15,000	15,900	12,500	------	16,000	15,700	------	------
CLEVELAND, OHIO	15,200	15,500	13,000	------	15,600	16,000	15,000	------
COLORADO SPRINGS, COLO.	16,000	------	------	------	13,700	15,000	16,500	------
COLUMBIA, S.C.	13,500	12,000	------	------	------	12,500	------	13,500
COLUMBUS, GA.-ALA.	12,100	------	------	------	------	------	------	------
COLUMBUS, OHIO	14,600	16,600	13,800	------	15,800	16,000	13,800	16,200
CORPUS CHRISTI, TEX.	16,600	16,800	15,000	------	------	------	------	------
DALLAS, TEX.	16,000	15,500	16,600	------	17,000	16,000	15,700	------
DAVENPORT-ROCK ISLAND-MOLINE, IOWA-ILL.	13,700	13,600	------	------	------	16,600	------	------
DAYTON, OHIO	15,800	16,000	------	------	16,600	15,500	16,800	------
DECATUR, ILL.	15,600	16,000	------	------	------	------	------	------
DENVER, COLO.	15,500	16,000	16,500	17,000	16,900	16,200	16,600	16,800
DES MOINES, IOWA	16,000	12,000	------	------	------	13,800	------	------
DETROIT, MICH.	15,300	15,000	13,700	------	15,000	16,500	16,100	------
DUBUQUE, IOWA	10,900	------	------	------	------	------	------	------
DULUTH-SUPERIOR, MINN.-WIS.	12,000	13,000	13,900	------	------	------	------	13,600
DURHAM, N.C.	15,700	15,500	13,800	------	16,000	16,000	15,800	------
EL PASO, TEX.	13,000	12,000	15,000	------	------	------	------	------
ERIE, PA.	13,700	15,100	------	------	------	------	------	------
EUGENE, OREG.	13,100	9,600	11,600	------	12,600	13,600	------	12,600
EVANSVILLE, IND.-KY.	16,500	15,000	12,700	------	------	------	------	------
FALL RIVER, MASS.-R.I.	12,500	16,500	------	------	------	------	------	------
FARGO-MOORHEAD, N.DAK.-MINN.	13,500	13,000	------	------	------	11,200	------	15,200
FAYETTEVILLE, N.C.	10,900	------	------	------	------	------	------	------
FITCHBURG-LEOMINSTER, MASS.	15,000	16,500	------	------	------	------	------	------
FLINT, MICH.	16,000	13,200	------	------	------	16,600	------	------
FORT LAUDERDALE-HOLLYWOOD, FLA.	16,100	------	------	------	------	------	------	------
FORT SMITH, ARK.-OKLA.	------	------	------	------	------	------	------	------
FORT WAYNE, IND.	13,800	13,100	------	------	------	16,500	------	------
FORT WORTH, TEX.	16,000	12,000	15,000	15,700	16,500	13,700	13,500	------
FRESNO, CALIF.	13,500	13,700	12,000	------	------	------	------	13,000
GADSDEN, ALA.	------	------	------	------	------	------	------	------
GALVESTON-TEXAS CITY, TEX.	15,000	16,600	------	------	------	------	------	------
GARY-HAMMOND-EAST CHICAGO, IND.	15,000	16,800	------	------	------	11,600	------	------
GRAND RAPIDS, MICH.	12,600	13,600	------	------	------	11,300	------	------
GREAT FALLS, MONT.	12,600	------	------	------	------	------	------	------
GREEN BAY, WIS.	12,000	12,000	------	------	------	------	------	------
GREENSBORO-WINSTON-SALEM-HIGH POINT, N.C.	16,300	16,000	------	------	------	12,200	------	------
GREENVILLE, S.C.	13,900	16,000	------	------	------	------	------	------
HAMILTON-MIDDLETOWN, OHIO	12,900	13,500	------	------	------	12,700	------	------
HARRISBURG, PA.	13,800	13,700	13,900	------	11,600	11,200	------	12,900
HARTFORD, CONN.	16,000	15,000	------	16,600	17,600	16,500	16,600	------

TABLE B-33. MEDIAN ANNUAL SALARIES OF SCIENTISTS, BY STANDARD METROPOLITAN STATISTICAL AREA AND FIELD, 1970--CONTINUED

LOCATION	SCIENTIFIC AND TECHNICAL FIELD							
	BIOLOGICAL SCIENCES	PSYCHOLOGY	STATISTICS	ECONOMICS	SOCIOLOGY	POLITICAL SCIENCE	ANTHROPOLOGY	LINGUISTICS
ALL LOCATIONS - - - - - - - - -	15,000	15,000	16,400	16,900	13,000	14,100	14,700	12,500
STANDARD METROPOLITAN STATISTICAL AREAS - - - - - - -	15,900	15,200	17,000	16,900	13,000	15,500	15,000	12,800
ABILENE, TEX. - - - - - - - - - - -	------	------	------	------	------	------	------	------
AKRON, OHIO - - - - - - - - - - -	12,000	13,000	------	16,800	13,000	11,500	------	------
ALBANY, GA. - - - - - - - - - - -	------	------	------	------	------	------	------	------
ALBANY-SCHENECTADY-TROY, N.Y. - - -	15,400	15,400	------	15,700	------	15,000	------	------
ALBUQUERQUE, N.MEX. - - - - - - -	15,500	15,000	------	------	------	------	------	------
ALLENTOWN-BETHLEHEM-EASTON, PA.-N.J.	11,900	13,300	------	16,900	------	------	------	------
ALTOONA, PA. - - - - - - - - - - -	------	------	------	------	------	------	------	------
AMARILLO, TEX. - - - - - - - - - -	------	------	------	------	------	------	------	------
ANAHEIM-SANTA ANA-GARDEN GROVE, CALIF. - - - - - - - - - - - -	13,100	15,700	------	15,800	------	16,000	------	------
ANDERSON, IND. - - - - - - - - - -	------	------	------	------	------	------	------	------
ANN ARBOR, MICH. - - - - - - - - -	14,600	16,700	------	16,900	14,500	15,900	------	12,800
ASHEVILLE, N.C. - - - - - - - - -	------	------	------	------	------	------	------	------
ATLANTA, GA. - - - - - - - - - - -	16,900	15,600	------	16,800	12,900	12,300	------	------
ATLANTIC CITY, N.J. - - - - - - -	------	------	------	------	------	------	------	------
AUGUSTA, GA.-S.C. - - - - - - - -	14,600	------	------	------	------	------	------	------
AUSTIN, TEX. - - - - - - - - - - -	13,000	15,300	------	15,000	13,500	12,400	------	11,500
BAKERSFIELD, CALIF. - - - - - - -	14,000	14,500	------	------	------	------	------	------
BALTIMORE, MD. - - - - - - - - - -	14,800	15,000	18,700	15,000	14,000	13,100	------	------
BATON ROUGE, LA. - - - - - - - - -	13,700	15,000	------	15,000	------	------	------	------
BAY CITY, MICH. - - - - - - - - -	------	------	------	------	------	------	------	------
BEAUMONT-PORT ARTHUR-ORANGE, TEX. -	------	------	------	------	------	------	------	------
BILLINGS, MONT. - - - - - - - - -	------	------	------	------	------	------	------	------
BILOXI-GULFPORT, MISS. - - - - - -	------	------	------	------	------	------	------	------
BINGHAMTON, N.Y.-PA. - - - - - - -	------	15,100	------	------	------	------	------	------
BIRMINGHAM, ALA. - - - - - - - - -	15,600	14,300	------	------	------	------	------	------
BLOOMINGTON-NORMAL, ILL. - - - - -	14,600	15,000	------	------	------	------	------	------
BOISE CITY, IDAHO - - - - - - - -	------	------	------	------	------	------	------	------
BOSTON, MASS. - - - - - - - - - -	14,000	15,000	18,000	16,000	13,000	14,100	16,000	12,500
BRIDGEPORT, CONN. - - - - - - - -	11,900	14,000	------	------	------	------	------	------
BROCKTON, MASS. - - - - - - - - -	------	------	------	------	------	------	------	------
BROWNSVILLE-HARLINGEN-SAN BENITO, TEX. - - - - - - - - - - - - -	------	------	------	------	------	------	------	------
BUFFALO, N.Y. - - - - - - - - - -	14,900	16,000	------	15,700	13,700	11,700	------	------
CANTON, OHIO - - - - - - - - - - -	------	------	------	------	------	------	------	------
CEDAR RAPIDS, IOWA - - - - - - - -	------	------	------	------	------	------	------	------
CHAMPAIGN-URBANA, ILL. - - - - - -	14,800	15,600	------	16,500	14,300	------	------	------
CHARLESTON, S.C. - - - - - - - - -	18,000	------	------	------	------	------	------	------
CHARLESTON, W.VA. - - - - - - - -	------	------	------	------	------	------	------	------
CHARLOTTE, N.C. - - - - - - - - -	------	------	------	------	------	------	------	------
CHATTANOOGA, TENN.-GA. - - - - - -	------	------	------	------	------	------	------	------
CHICAGO, ILL. - - - - - - - - - -	16,000	15,900	18,400	17,400	12,800	15,200	16,000	14,000
CINCINNATI, OHIO-KY.-IND. - - - -	14,900	13,800	------	15,600	------	------	------	------
CLEVELAND, OHIO - - - - - - - - -	14,000	15,500	------	16,500	12,500	14,000	------	------
COLORADO SPRINGS, COLO. - - - - -	------	------	------	------	------	------	------	------
COLUMBIA, S.C. - - - - - - - - - -	12,000	14,500	------	16,100	------	------	------	------
COLUMBUS, GA.-ALA. - - - - - - - -	------	------	------	------	------	------	------	------
COLUMBUS, OHIO - - - - - - - - - -	15,100	15,000	------	16,600	14,300	12,500	------	------
CORPUS CHRISTI, TEX. - - - - - - -	------	------	------	------	------	------	------	------
DALLAS, TEX. - - - - - - - - - - -	16,500	16,500	------	16,500	13,000	12,600	------	------
DAVENPORT-ROCK ISLAND-MOLINE, IOWA-ILL. - - - - - - - - - - -	11,900	------	------	------	------	------	------	------
DAYTON, OHIO - - - - - - - - - - -	12,900	16,500	------	------	------	------	------	------
DECATUR, ILL. - - - - - - - - - -	------	------	------	------	------	------	------	------
DENVER, COLO. - - - - - - - - - -	15,000	14,500	------	15,200	12,000	12,900	------	------
DES MOINES, IOWA - - - - - - - - -	14,600	14,000	------	------	------	------	------	------
DETROIT, MICH. - - - - - - - - - -	14,500	15,600	------	16,000	14,000	13,100	------	------
DUBUQUE, IOWA - - - - - - - - - -	------	------	------	------	------	------	------	------
DULUTH-SUPERIOR, MINN.-WIS. - - -	12,800	------	------	------	------	------	------	------
DURHAM, N.C. - - - - - - - - - - -	16,000	15,000	17,000	16,000	13,500	17,000	------	------
EL PASO, TEX. - - - - - - - - - -	------	------	------	------	------	------	------	------
ERIE, PA. - - - - - - - - - - - -	------	14,000	------	------	------	------	------	------
EUGENE, OREG. - - - - - - - - - -	13,700	15,700	------	16,800	------	------	------	------
EVANSVILLE, IND.-KY. - - - - - - -	17,000	------	------	------	------	------	------	------
FALL RIVER, MASS.-R.I. - - - - - -	------	------	------	------	------	------	------	------
FARGO-MOORHEAD, N.DAK.-MINN. - - -	13,800	------	------	------	------	------	------	------
FAYETTEVILLE, N.C. - - - - - - - -	------	------	------	------	------	------	------	------
FITCHBURG-LEOMINSTER, MASS. - - -	------	------	------	------	------	------	------	------
FLINT, MICH. - - - - - - - - - - -	------	15,200	------	------	------	------	------	------
FORT LAUDERDALE-HOLLYWOOD, FLA. - -	------	13,500	------	------	------	------	------	------
FORT SMITH, ARK.-OKLA. - - - - - -	------	------	------	------	------	------	------	------
FORT WAYNE, IND. - - - - - - - - -	------	------	------	------	------	------	------	------
FORT WORTH, TEX. - - - - - - - - -	12,000	13,800	------	13,500	------	------	------	------
FRESNO, CALIF. - - - - - - - - - -	14,100	14,500	------	------	------	------	------	------
GADSDEN, ALA. - - - - - - - - - -	------	------	------	------	------	------	------	------
GALVESTON-TEXAS CITY, TEX. - - - -	18,000	------	------	------	------	------	------	------
GARY-HAMMOND-EAST CHICAGO, IND. - -	11,000	15,500	------	------	------	------	------	------
GRAND RAPIDS, MICH. - - - - - - -	11,800	14,500	------	------	------	------	------	------
GREAT FALLS, MONT. - - - - - - - -	------	------	------	------	------	------	------	------
GREEN BAY, WIS. - - - - - - - - -	------	------	------	------	------	------	------	------
GREENSBORO-WINSTON-SALEM-HIGH POINT, N.C. - - - - - - - - -	14,600	14,500	------	------	------	------	------	------
GREENVILLE, S.C. - - - - - - - - -	------	------	------	------	------	------	------	------
HAMILTON-MIDDLETOWN, OHIO - - - - -	12,500	12,500	------	------	------	------	------	------
HARRISBURG, PA. - - - - - - - - -	11,500	14,800	------	------	------	------	------	------
HARTFORD, CONN. - - - - - - - - -	14,000	14,500	------	14,000	------	------	------	------

TABLE A-33. MEDIAN ANNUAL SALARIES OF SCIENTISTS, BY STANDARD METROPOLITAN STATISTICAL AREA AND FIELD, 1970--CONTINUED

LOCATION	TOTAL	SCIENTIFIC AND TECHNICAL FIELD						
		CHEMISTRY	EARTH & MARINE SCIENCES	ATMOSPHERIC & SPACE SCIENCES	PHYSICS	MATHEMATICS	COMPUTER SCIENCES	AGRICULTURAL SCIENCES
STANDARD METROPOLITAN STATISTICAL AREAS - CONTINUED								
HONOLULU, HAWAII	14,600	13,500	14,800	17,500	14,000	13,000	17,600	14,800
HOUSTON, TEX.	16,000	15,600	16,900	16,000	15,800	16,000	15,000	12,100
HUNTINGTON-ASHLAND, W.VA.-KY.-OHIO	12,000	12,600	------	------	------	------	------	------
HUNTSVILLE, ALA.	14,300	16,900	------	------	16,800	15,800	15,800	------
INDIANAPOLIS, IND.	15,500	15,900	------	------	12,400	12,000	------	11,900
JACKSON, MICH.	14,000	------	------	------	------	------	------	------
JACKSON, MISS.	14,300	12,000	15,400	------	------	------	------	------
JACKSONVILLE, FLA.	12,600	14,000	------	------	------	14,600	------	------
JERSEY CITY, N.J.	14,000	15,000	------	------	12,000	11,500	------	------
JOHNSTOWN, PA.	10,500	------	------	------	------	------	------	------
KALAMAZOO, MICH.	16,200	17,700	------	------	------	13,900	------	------
KANSAS CITY, MO.-KANS.	14,400	14,100	14,000	16,100	12,300	13,500	14,400	------
KENOSHA, WIS.	11,600	------	------	------	------	------	------	------
KNOXVILLE, TENN.	15,900	16,500	13,100	------	16,800	13,900	14,100	14,500
LAFAYETTE, LA.	13,900	------	14,400	------	------	------	------	------
LAFAYETTE-WEST LAFAYETTE, IND.	15,000	11,000	------	------	15,400	15,500	16,000	15,200
LAKE CHARLES, LA.	12,700	13,200	------	------	------	------	------	------
LANCASTER, PA.	14,000	15,000	------	------	13,300	11,700	------	------
LANSING, MICH.	15,000	13,100	13,300	------	14,500	12,500	------	15,400
LAREDO, TEX.	------	------	------	------	------	------	------	------
LAS VEGAS, NEV.	14,600	14,600	15,200	------	17,000	------	------	------
LAWRENCE-HAVERHILL, MASS.-N.H.	12,700	14,000	------	------	------	------	------	------
LAWTON, OKLA.	11,300	------	------	------	------	------	------	------
LEWISTON-AUBURN, MAINE	12,000	------	------	------	------	------	------	------
LEXINGTON, KY.	14,500	14,000	13,000	------	12,900	12,200	------	15,000
LIMA, OHIO	12,000	13,000	------	------	------	------	------	------
LINCOLN, NEBR.	13,700	11,300	13,200	------	13,900	12,000	------	15,400
LITTLE ROCK-NORTH LITTLE ROCK, ARK.	15,000	15,400	------	------	------	------	------	12,900
LORAIN-ELYRIA, OHIO	14,000	14,900	------	------	------	------	------	------
LOS ANGELES-LONG BEACH, CALIF.	16,300	15,600	15,000	15,000	18,000	17,600	18,000	13,000
LOUISVILLE, KY.-IND.	14,000	14,400	------	------	13,600	11,000	------	------
LOWELL, MASS.	15,700	15,200	------	------	17,400	------	------	------
LUBBOCK, TEX.	14,400	13,500	13,000	------	------	14,500	------	15,200
LYNCHBURG, VA.	13,000	14,200	------	------	------	------	------	------
MACON, GA.	12,300	------	------	------	------	------	------	------
MADISON, WIS.	14,600	12,000	14,700	14,600	14,600	14,500	13,600	14,700
MANCHESTER, N.H.	11,900	------	------	------	------	------	------	------
MANSFIELD, OHIO	10,200	------	------	------	------	------	------	------
MAYAGUEZ, P.R.	12,300	13,200	------	------	------	------	------	------
MCALLEN-PHARR-EDINBURG, TEX.	14,000	------	----	------	------	------	------	------
MEMPHIS, TENN.-ARK.	14,000	13,000	------	------	------	12,000	------	------
MERIDEN, CONN.	------	------	------	------	------	------	------	------
MIAMI, FLA.	14,700	13,700	14,800	15,200	13,000	13,700	------	------
MIDLAND, TEX.	15,200	------	15,400	------	------	------	------	------
MILWAUKEE, WIS.	14,000	13,400	12,700	------	14,000	14,000	14,400	14,800
MINNEAPOLIS-ST. PAUL, MINN.	15,600	15,900	13,500	15,000	15,300	16,000	15,000	14,800
MOBILE, ALA.	12,400	12,400	------	------	------	------	------	13,200
MONROE, LA.	11,900	13,600	------	------	------	------	------	------
MONTGOMERY, ALA.	13,500	------	------	------	------	------	------	------
MUNCIE, IND.	13,000	------	------	------	------	------	------	------
MUSKEGON-MUSKEGON HEIGHTS, MICH.	14,500	15,400	------	------	------	------	------	------
NASHVILLE, TENN.	14,000	14,400	12,500	------	12,000	14,800	------	------
NEW BEDFORD, MASS.	13,200	13,400	------	------	------	------	------	------
NEW BRITAIN, CONN.	12,000	------	------	------	------	------	------	------
NEW HAVEN, CONN.	14,700	14,700	13,500	------	12,500	12,700	------	------
NEW LONDON-GROTON-NORWICH, CONN.	16,000	16,800	------	------	15,500	------	------	------
NEW ORLEANS, LA.	15,000	14,300	15,600	------	13,500	12,000	------	------
NEW YORK, N.Y.	17,000	17,000	15,200	15,700	16,000	18,000	18,500	16,100
NEWARK, N.J.	17,000	16,700	12,000	------	19,000	18,200	17,000	------
NEWPORT NEWS-HAMPTON, VA.	15,700	16,500	------	------	15,900	14,300	------	------
NORFOLK-PORTSMOUTH, VA.	12,800	13,500	------	------	12,000	12,000	------	------
NORWALK, CONN.	17,300	17,400	------	------	17,600	------	------	------
ODESSA, TEX.	12,300	13,400	------	------	------	------	------	------
OGDEN, UTAH	13,700	14,500	------	------	------	------	------	15,700
OKLAHOMA CITY, OKLA.	14,500	13,400	15,000	15,200	13,500	12,700	------	------
OMAHA, NEBR.-IOWA	14,400	13,500	------	------	------	16,400	15,000	------
ORLANDO, FLA.	14,500	13,000	------	------	17,000	15,400	------	------
OXNARD-VENTURA, CALIF.	15,200	14,700	15,300	------	19,000	15,600	------	------
PATERSON-CLIFTON-PASSAIC, N.J.	16,000	16,300	14,200	------	14,300	15,600	18,800	------
PENSACOLA, FLA.	14,600	16,000	------	------	------	------	------	------
PEORIA, ILL.	14,700	15,500	------	------	------	13,000	------	------
PHILADELPHIA, PA.-N.J.	15,600	15,600	12,300	15,000	15,200	15,200	17,400	14,700
PHOENIX, ARIZ.	14,000	13,100	14,300	------	15,400	14,000	16,700	13,000
PINE BLUFF, ARK.	14,400	------	------	------	------	------	------	------
PITTSBURGH, PA.	15,700	15,800	14,500	12,000	16,800	14,700	15,000	------
PITTSFIELD, MASS.	15,000	17,000	------	------	------	------	------	------
PONCE, P.R.	------	------	------	------	------	------	------	------
PORTLAND, MAINE	13,000	14,000	------	------	------	------	------	------
PORTLAND, OREG.-WASH.	14,100	13,400	14,000	------	12,100	12,000	13,500	15,000
PROVIDENCE-PAWTUCKET-WARWICK, R.I.-MASS.	13,400	14,000	12,500	------	14,400	11,800	------	------
PROVO-OREM, UTAH	12,700	13,500	------	------	11,700	------	------	------
PUEBLO, COLO.	12,600	------	------	------	------	------	------	------
RACINE, WIS.	15,000	15,600	------	------	------	------	------	------
RALEIGH, N.C.	15,000	15,000	13,300	------	16,000	12,500	------	15,000
READING, PA.	13,000	14,200	------	------	------	------	------	------
RENO, NEV.	14,300	14,200	15,000	------	------	------	------	14,000
RICHMOND, VA.	14,700	15,000	------	------	12,200	11,700	------	------
ROANOKE, VA.	12,600	------	------	------	------	------	------	------

TABLE A-33. MEDIAN ANNUAL SALARIES OF SCIENTISTS, BY STANDARD METROPOLITAN STATISTICAL AREA AND FIELD, 1970--CONTINUED

LOCATION	SCIENTIFIC AND TECHNICAL FIELD							
	BIOLOGICAL SCIENCES	PSYCHOLOGY	STATISTICS	ECONOMICS	SOCIOLOGY	POLITICAL SCIENCE	ANTHROPOLOGY	LINGUISTICS
STANDARD METROPOLITAN STATISTICAL AREAS - CONTINUED								
HONOLULU, HAWAII	15,000	15,000	------	15,000	13,100	------	------	12,100
HOUSTON, TEX.	16,500	15,000	------	15,000	13,000	11,000	------	------
HUNTINGTON-ASHLAND, W.VA.-KY.-OHIO	------	------	------	------	------	------	------	------
HUNTSVILLE, ALA.	------	------	------	------	------	------	------	------
INDIANAPOLIS, IND.	17,800	15,700	------	------	------	------	------	------
JACKSON, MICH.	------	------	------	------	------	------	------	------
JACKSON, MISS.	17,400	------	------	------	------	------	------	------
JACKSONVILLE, FLA.	------	------	------	------	------	------	------	------
JERSEY CITY, N.J.	17,000	13,500	------	------	------	------	------	------
JOHNSTOWN, PA.	------	------	------	------	------	------	------	------
KALAMAZOO, MICH.	18,000	13,600	------	------	------	------	------	------
KANSAS CITY, MO.-KANS.	15,000	14,500	------	16,500	------	------	------	------
KENOSHA, WIS.	------	------	------	------	------	------	------	------
KNOXVILLE, TENN.	15,000	13,300	------	15,400	------	------	------	------
LAFAYETTE, LA.	------	------	------	------	------	------	------	------
LAFAYETTE-WEST LAFAYETTE, IND.	15,500	15,500	------	18,000	11,700	------	------	------
LAKE CHARLES, LA.	------	------	------	------	------	------	------	------
LANCASTER, PA.	12,500	14,400	------	------	------	------	------	------
LANSING, MICH.	15,000	17,000	------	16,500	14,500	13,000	------	------
LAREDO, TEX.	------	------	------	------	------	------	------	------
LAS VEGAS, NEV.	------	------	------	------	------	------	------	------
LAWRENCE-HAVERHILL, MASS.-N.H.	------	------	------	------	------	------	------	------
LAWTON, OKLA.	------	------	------	------	------	------	------	------
LEWISTON-AUBURN, MAINE	------	------	------	------	------	------	------	------
LEXINGTON, KY.	17,300	14,800	------	15,500	14,000	------	------	------
LIMA, OHIO	------	------	------	------	------	------	------	------
LINCOLN, NEBR.	14,000	13,500	------	16,000	------	------	------	------
LITTLE ROCK-NORTH LITTLE ROCK, ARK.	19,000	13,200	------	------	------	------	------	------
LORAIN-ELYRIA, OHIO	------	------	------	------	------	------	------	------
LOS ANGELES-LONG BEACH, CALIF.	15,300	16,000	18,000	16,100	13,000	14,000	14,500	12,700
LOUISVILLE, KY.-IND.	17,500	14,000	------	------	------	------	------	------
LOWELL, MASS.	------	------	------	------	------	------	------	------
LUBBOCK, TEX.	14,000	------	------	------	------	------	------	------
LYNCHBURG, VA.	------	------	------	------	------	------	------	------
MACON, GA.	------	------	------	------	------	------	------	------
MADISON, WIS.	14,600	15,600	------	18,000	14,000	15,200	------	------
MANCHESTER, N.H.	------	------	------	------	------	------	------	------
MANSFIELD, OHIO	------	------	------	------	------	------	------	------
MAYAGUEZ, P.R.	------	------	------	------	------	------	------	------
MCALLEN-PHARR-EDENBURG, TEX.	15,000	------	------	------	------	------	------	------
MEMPHIS, TENN.-ARK.	18,000	13,800	------	------	------	------	------	------
MERIDEN, CONN.	------	------	------	------	------	------	------	------
MIAMI, FLA.	15,000	15,000	------	17,500	------	------	------	------
MIDLAND, TEX.	------	------	------	------	------	------	------	------
MILWAUKEE, WIS.	14,800	14,500	------	16,200	12,500	16,200	------	------
MINNEAPOLIS-ST. PAUL, MINN.	16,000	16,400	15,500	17,000	12,500	13,000	------	------
MOBILE, ALA.	------	------	------	------	------	------	------	------
MONROE, LA.	------	------	------	------	------	------	------	------
MONTGOMERY, ALA.	------	------	------	------	------	------	------	------
MUNCIE, IND.	------	14,500	------	------	------	------	------	------
MUSKEGON-MUSKEGON HEIGHTS, MICH.	------	------	------	------	------	------	------	------
NASHVILLE, TENN.	16,000	14,600	------	15,600	11,400	------	------	------
NEW BEDFORD, MASS.	------	------	------	------	------	------	------	------
NEW BRITAIN, CONN.	------	------	------	------	------	------	------	------
NEW HAVEN, CONN.	17,300	14,000	------	15,500	15,000	13,500	------	------
NEW LONDON-GROTON-NORWICH, CONN.	16,000	14,000	------	------	------	------	------	------
NEW ORLEANS, LA.	15,000	13,300	------	14,500	13,000	11,700	------	------
NEW YORK, N.Y.	18,000	16,100	17,200	19,500	15,000	14,300	16,000	14,000
NEWARK, N.J.	17,600	15,300	17,800	15,800	14,000	11,200	------	------
NEWPORT NEWS-HAMPTON, VA.	------	------	------	------	------	------	------	------
NORFOLK-PORTSMOUTH, VA.	------	------	------	------	------	------	------	------
NORWALK, CONN.	------	------	------	------	------	------	------	------
ODESSA, TEX.	------	------	------	------	------	------	------	------
OGDEN, UTAH	11,600	------	------	------	------	------	------	------
OKLAHOMA CITY, OKLA.	15,200	14,600	------	------	------	------	------	------
OMAHA, NEBR.-IOWA	16,000	13,900	------	------	------	------	------	------
ORLANDO, FLA.	13,000	13,800	------	------	------	------	------	------
OXNARD-VENTURA, CALIF.	12,300	15,000	------	------	------	------	------	------
PATERSON-CLIFTON-PASSAIC, N.J.	15,000	15,300	------	15,000	------	------	------	------
PENSACOLA, FLA.	------	------	------	------	------	------	------	------
PEORIA, ILL.	14,100	15,000	------	------	------	------	------	------
PHILADELPHIA, PA.-N.J.	17,000	15,000	16,800	15,200	12,500	12,200	13,500	12,500
PHOENIX, ARIZ.	12,000	14,200	------	13,400	------	------	------	------
PINE BLUFF, ARK.	------	------	------	------	------	------	------	------
PITTSBURGH, PA.	15,000	15,600	17,000	17,000	14,000	15,800	------	------
PITTSFIELD, MASS.	------	------	------	------	------	------	------	------
PONCE, P.R.	------	------	------	------	------	------	------	------
PORTLAND, MAINE	------	------	------	------	------	------	------	------
PORTLAND, OREG.-WASH.	16,200	14,000	------	15,300	12,200	------	------	------
PROVIDENCE-PAWTUCKET-WARWICK, R.I.-MASS.	14,500	13,000	------	13,400	10,700	------	------	------
PROVO-OREM, UTAH	13,800	12,000	------	------	------	------	------	------
PUEBLO, COLO.	------	------	------	------	------	------	------	------
RACINE, WIS.	------	------	------	------	------	------	------	------
RALEIGH, N.C.	15,300	13,500	------	15,800	13,900	------	------	------
READING, PA.	------	------	------	------	------	------	------	------
RENO, NEV.	13,300	------	------	------	------	------	------	------
RICHMOND, VA.	16,400	14,000	------	15,000	------	------	------	------
ROANOKE, VA.	------	------	------	------	------	------	------	------

TABLE A-33. MEDIAN ANNUAL SALARIES OF SCIENTISTS, BY STANDARD METROPOLITAN STATISTICAL AREA AND FIELD, 1970--CONTINUED

LOCATION	TOTAL	SCIENTIFIC AND TECHNICAL FIELD						
		CHEMISTRY	EARTH & MARINE SCIENCES	ATMOSPHERIC & SPACE SCIENCES	PHYSICS	MATHEMATICS	COMPUTER SCIENCES	AGRICULTURAL SCIENCES
STANDARD METROPOLITAN STATISTICAL AREAS - CONTINUED								
ROCHESTER, N.Y.	16,500	17,500	12,400	------	17,100	14,800	14,500	------
ROCKFORD, ILL.	12,200	13,300	------	------	------	------	------	------
SACRAMENTO, CALIF.	15,000	13,900	15,000	16,000	13,700	14,300	16,200	15,000
SAGINAW, MICH.	13,300	------	------	------	------	------	------	------
SALEM, OREGON	12,200	------	------	------	------	------	------	11,700
SALINAS-MONTEREY, CALIF.	15,200	14,000	------	16,200	17,000	16,500	------	------
ST. JOSEPH, MO.	10,600	------	------	------	------	------	------	------
ST. LOUIS, MO.-ILL.	15,300	16,100	12,400	14,000	14,500	14,200	15,000	------
SALT LAKE CITY, UTAH	15,000	14,600	14,700	16,500	12,800	13,200	15,500	12,000
SAN ANGELO, TEX.	12,000	------	------	------	------	------	------	------
SAN ANTONIO, TEX.	14,700	12,800	13,400	------	14,000	10,200	------	------
SAN BERNARDINO-RIVERSIDE-ONTARIO, CALIF.	14,200	14,700	13,400	------	15,300	13,800	------	14,500
SAN DIEGO, CALIF.	15,000	14,300	14,000	------	16,000	15,000	16,300	14,200
SAN FRANCISCO-OAKLAND, CALIF.	16,000	16,500	16,100	15,200	17,000	16,100	16,000	15,100
SAN JOSE, CALIF.	17,000	16,000	15,800	17,800	18,300	17,200	16,500	------
SAN JUAN, P.R.	13,300	13,200	------	------	------	------	------	------
SANTA BARBARA, CALIF.	15,000	13,000	13,000	------	17,900	14,800	16,100	------
SAVANNAH, GA.	13,400	15,000	------	------	------	------	------	------
SCRANTON, PA.	10,800	11,400	------	------	------	------	------	------
SEATTLE-EVERETT, WASH.	14,600	13,800	13,100	14,600	16,300	15,000	16,100	14,300
SHERMAN-DENISON, TEX.	12,000	------	------	------	------	------	------	------
SHREVEPORT, LA.	13,700	12,500	14,500	------	------	------	------	------
SIOUX CITY, IOWA-NEB.	10,600	------	------	------	------	------	------	------
SIOUX FALLS, S.DAK.	11,600	------	------	------	------	------	------	------
SOUTH BEND, IND.	12,400	12,200	------	------	12,900	12,000	------	------
SPOKANE, WASH.	12,000	12,000	12,100	------	------	------	------	------
SPRINGFIELD, ILL.	14,500	------	------	------	------	------	------	------
SPRINGFIELD, MO.	11,800	11,900	------	------	------	------	------	------
SPRINGFIELD, OHIO	12,000	------	------	------	------	------	------	------
SPRINGFIELD-CHICOPEE-HOLYOKE, MASS.-CONN.	14,000	15,000	------	------	11,800	14,600	------	------
STAMFORD, CONN.	17,100	17,000	------	------	17,100	20,000	------	------
STEUBENVILLE-WEIRTON, OHIO-W.VA.	11,800	------	------	------	------	------	------	------
STOCKTON, CALIF.	13,100	12,700	------	------	------	------	------	------
SYRACUSE, N.Y.	14,900	15,200	12,900	------	15,800	14,100	14,900	14,800
TACOMA, WASH.	12,600	12,000	13,200	------	------	13,200	------	13,000
TALLAHASSEE, FLA.	13,100	11,000	13,100	12,000	14,000	12,700	------	12,000
TAMPA-ST. PETERSBURG, FLA.	14,400	14,700	------	------	15,000	14,000	15,200	------
TERRE HAUTE, IND.	13,400	13,500	------	------	------	10,500	------	------
TEXARKANA, TEX.-ARK.	------	------	------	------	------	------	------	------
TOLEDO, OHIO-MICH.	14,000	15,000	------	------	13,700	13,300	------	------
TOPEKA, KANS.	13,200	12,000	------	------	------	11,000	------	------
TRENTON, N.J.	16,400	16,500	15,500	------	17,500	15,000	18,700	------
TUCSON, ARIZ.	14,300	13,800	15,000	------	14,500	14,000	------	14,500
TULSA, OKLA.	15,500	15,000	16,500	------	------	15,700	15,600	------
TUSCALOOSA, ALA.	13,900	13,500	11,500	------	------	------	------	------
TYLER, TEX.	13,400	------	14,700	------	------	------	------	------
UTICA-ROME, N.Y.	13,000	11,500	------	------	15,200	------	------	------
VALLEJO-NAPA, CALIF.	13,000	13,200	------	------	------	------	------	------
VINELAND-MILLVILLE-BRIDGETON, N.J.	13,700	------	------	------	------	------	------	------
WACO, TEX.	14,000	------	------	------	------	------	------	------
WASHINGTON, D.C.-MD.-VA.	18,500	17,400	17,100	18,000	18,000	19,400	18,000	19,000
WATERBURY, CONN.	15,000	15,600	------	------	------	------	------	------
WATERLOO, IOWA	12,000	------	------	------	------	------	------	------
WEST PALM BEACH, FLA.	13,700	13,000	------	------	------	------	------	------
WHEELING, W.VA.-OHIO	10,100	------	------	------	------	------	------	------
WICHITA, KANS.	13,500	14,000	15,000	------	------	11,800	------	------
WICHITA FALLS, TEX.	12,000	------	13,200	------	------	------	------	------
WILKES-BARRE-HAZLETON, PA.	11,300	12,200	------	------	------	------	------	------
WILMINGTON, DEL.-N.J.-MD.	18,000	18,300	------	------	17,300	15,000	------	------
WILMINGTON, N.C.	12,500	------	------	------	------	------	------	------
WORCESTER, MASS.	14,000	14,600	------	------	13,500	14,000	------	------
YORK, PA.	12,100	14,500	------	------	------	------	------	------
YOUNGSTOWN-WARREN, OHIO	12,400	12,000	------	------	------	------	------	------
OTHER LOCATIONS	13,500	14,500	13,700	14,500	13,800	11,800	15,300	12,000

NOTE - ALL MEDIAN SALARIES WERE COMPUTED ONLY FOR FULL-TIME EMPLOYED CIVILIAN SCIENTISTS. NO MEDIAN WAS COMPUTED FOR GROUPS WITH FEWER THAN 25 REGISTRANTS REPORTING SALARY.

SOURCE - NATIONAL REGISTER OF SCIENTIFIC AND TECHNICAL PERSONNEL, 1970.

TABLE A-33. MEDIAN ANNUAL SALARIES OF SCIENTISTS, BY STANDARD METROPOLITAN STATISTICAL AREA AND FIELD, 1970--CONTINUED

LOCATION	SCIENTIFIC AND TECHNICAL FIELD							
	BIOLOGICAL SCIENCES	PSYCHOLOGY	STATISTICS	ECONOMICS	SOCIOLOGY	POLITICAL SCIENCE	ANTHROPOLOGY	LINGUISTICS
STANDARD METROPOLITAN STATISTICAL AREAS - CONTINUED								
ROCHESTER, N.Y.	15,500	15,000	------	18,700	------	------	------	------
ROCKFORD, ILL.	------	------	------	------	------	------	------	------
SACRAMENTO, CALIF.	15,600	15,000	------	16,100	13,500	15,000	------	------
SAGINAW, MICH.	------	------	------	------	------	------	------	------
SALEM, OREGON	------	------	------	------	------	------	------	------
SALINAS-MONTEREY, CALIF.	14,300	15,500	------	------	------	------	------	------
ST. JOSEPH, MO.	------	------	------	------	------	------	------	------
ST. LOUIS, MO.-ILL.	16,000	15,000	------	15,800	13,300	14,300	------	------
SALT LAKE CITY, UTAH	16,000	15,000	------	14,500	------	------	------	------
SAN ANGELO, TEX.	------	------	------	------	------	------	------	------
SAN ANTONIO, TEX.	17,500	16,100	------	------	------	------	------	------
SAN BERNARDINO-RIVERSIDE-ONTARIO, CALIF.	13,600	14,500	------	------	------	13,000	------	------
SAN DIEGO, CALIF.	14,000	15,000	------	14,400	------	------	------	------
SAN FRANCISCO-OAKLAND, CALIF.	15,800	16,000	15,000	17,700	14,000	13,000	15,800	13,100
SAN JOSE, CALIF.	16,000	16,000	17,000	16,200	13,400	15,000	------	------
SAN JUAN, P.R.	12,600	------	------	------	------	------	------	------
SANTA BARBARA, CALIF.	13,100	16,000	------	15,000	------	------	------	------
SAVANNAH, GA.	12,500	------	------	------	------	------	------	------
SCRANTON, PA.	------	------	------	------	------	------	------	------
SEATTLE-EVERETT, WASH.	15,300	14,900	15,000	14,500	12,000	13,400	------	------
SHERMAN-DENISON, TEX.	------	------	------	------	------	------	------	------
SHREVEPORT, LA.	------	------	------	------	------	------	------	------
SIOUX CITY, IOWA-NEB.	------	------	------	------	------	------	------	------
SIOUX FALLS, S.DAK.	------	------	------	------	------	------	------	------
SOUTH BEND, IND.	12,200	------	------	13,200	12,000	------	------	------
SPOKANE, WASH.	11,300	13,000	------	------	------	------	------	------
SPRINGFIELD, ILL.	------	------	------	------	------	------	------	------
SPRINGFIELD, MO.	------	------	------	------	------	------	------	------
SPRINGFIELD, OHIO	------	------	------	------	------	------	------	------
SPRINGFIELD-CHICOPEE-HOLYOKE, MASS.-CONN.	11,000	13,500	------	------	------	------	------	------
STAMFORD, CONN.	15,000	19,000	------	------	------	------	------	------
STEUBENVILLE-WEIRTON, OHIO-W.VA.	------	------	------	------	------	------	------	------
STOCKTON, CALIF.	12,100	15,000	------	------	------	------	------	------
SYRACUSE, N.Y.	16,500	14,200	------	13,500	12,000	14,000	------	------
TACOMA, WASH.	12,000	14,000	------	------	------	------	------	------
TALLAHASSEE, FLA.	12,700	15,800	------	14,700	13,400	12,000	------	------
TAMPA-ST. PETERSBURG, FLA.	13,000	14,500	------	------	------	------	------	------
TERRE HAUTE, IND.	14,000	------	------	------	------	------	------	------
TEXARKANA, TEX.-ARK.	------	------	------	------	------	------	------	------
TOLEDO, OHIO-MICH.	13,500	13,600	------	15,000	------	------	------	------
TOPEKA, KANS.	12,000	17,000	------	------	------	------	------	------
TRENTON, N.J.	15,000	17,000	------	15,800	11,500	15,000	------	------
TUCSON, ARIZ.	14,000	13,200	------	15,900	------	------	------	------
TULSA, OKLA.	------	------	------	------	------	------	------	------
TUSCALOOSA, ALA.	------	15,000	------	------	------	------	------	------
TYLER, TEX.	------	------	------	------	------	------	------	------
UTICA-ROME, N.Y.	11,700	14,000	------	------	------	------	------	------
VALLEJO-NAPA, CALIF.	12,000	14,900	------	------	------	------	------	------
VINELAND-MILLVILLE-BRIDGETON, N.J.	------	------	------	------	------	------	------	------
WACO, TEX.	------	------	------	------	------	------	------	------
WASHINGTON, D.C.-MD.-VA.	18,500	19,000	20,400	21,000	17,000	17,000	17,600	14,700
WATERBURY, CONN.	------	------	------	------	------	------	------	------
WATERLOO, IOWA	------	------	------	------	------	------	------	------
WEST PALM BEACH, FLA.	13,000	13,500	------	------	------	------	------	------
WHEELING, W.VA.-OHIO	------	------	------	------	------	------	------	------
WICHITA, KANS.	11,000	15,500	------	------	------	------	------	------
WICHITA FALLS, TEX.	------	------	------	------	------	------	------	------
WILKES-BARRE-HAZLETON, PA.	------	------	------	------	------	------	------	------
WILMINGTON, DEL.-N.J.-MD.	15,000	14,800	------	16,500	------	------	------	------
WILMINGTON, N.C.	------	------	------	------	------	------	------	------
WORCESTER, MASS.	14,800	13,600	------	------	------	------	------	------
YORK, PA.	10,800	------	------	------	------	------	------	------
YOUNGSTOWN-WARREN, OHIO	------	------	------	------	------	------	------	------
OTHER LOCATIONS	13,500	14,000	16,000	15,000	12,300	12,300	14,000	12,000

TABLE A-34. MEDIAN ANNUAL SALARIES OF SCIENTISTS, BY STANDARD METROPOLITAN STATISTICAL AREA AND HIGHEST DEGREE, 1970

LOCATION	TOTAL	HIGHEST DEGREE				LESS THAN BACHELOR'S DEGREE	NO REPORT OF DEGREE
		DOCTORATE	PROFESSIONAL MEDICAL	MASTER'S	BACHELOR'S		
ALL LOCATIONS	15,000	16,500	24,000	13,500	13,900	14,000	14,200
STANDARD METROPOLITAN STATISTICAL AREAS	15,500	17,000	24,700	14,200	14,400	14,000	14,400
ABILENE, TEX.	11,100	11,300	------	10,000	11,000	------	------
AKRON, OHIO	14,600	16,000	------	13,900	13,100	------	------
ALBANY, GA.	10,900	------	------	------	------	------	------
ALBANY-SCHENECTADY-TROY, N.Y.	15,600	17,900	24,000	14,300	13,000	------	------
ALBUQUERQUE, N.MEX.	16,500	17,800	25,000	15,200	14,700	------	------
ALLENTOWN-BETHLEHEM-EASTON, PA.-N.J.	16,400	19,000	------	13,100	14,000	------	------
ALTOONA, PA.	10,600	------	------	------	------	------	------
AMARILLO, TEX.	14,400	14,300	------	11,000	14,800	------	------
ANAHEIM-SANTA ANA-GARDEN GROVE, CALIF.	16,600	18,600	------	15,500	16,000	------	------
ANDERSON, IND.	11,000	------	------	------	------	------	------
ANN ARBOR, MICH.	15,000	16,200	26,000	11,700	12,500	------	------
ASHEVILLE, N.C.	13,900	15,800	------	13,800	12,400	------	------
ATLANTA, GA.	15,000	16,000	22,500	13,900	14,300	------	------
ATLANTIC CITY, N.J.	13,000	------	------	11,400	12,800	------	------
AUGUSTA, GA.-S.C.	15,600	18,000	------	13,500	14,400	------	------
AUSTIN, TEX.	14,200	15,600	------	12,000	13,000	------	------
BAKERSFIELD, CALIF.	16,000	20,000	------	15,000	15,900	------	------
BALTIMORE, MD.	15,300	16,500	24,300	14,900	14,300	------	------
BATON ROUGE, LA.	14,600	15,000	------	13,100	14,400	------	------
BAY CITY, MICH.	12,600	------	------	12,600	------	------	------
BEAUMONT-PORT ARTHUR-ORANGE, TEX.	14,500	17,000	------	13,200	13,800	------	------
BILLINGS, MONT.	13,200	11,800	------	12,500	14,800	------	------
BILOXI-GULFPORT, MISS.	13,600	------	------	------	------	------	------
BINGHAMTON, N.Y.-PA.	16,000	16,400	------	15,500	15,700	------	------
BIRMINGHAM, ALA.	15,000	17,300	30,000	10,500	12,100	------	------
BLOOMINGTON-NORMAL, ILL.	14,600	14,900	------	11,700	------	------	------
BOISE CITY, IDAHO	13,500	13,500	------	12,600	13,800	------	------
BOSTON, MASS.	16,000	16,900	21,000	15,000	14,500	------	14,500
BRIDGEPORT, CONN.	13,000	13,200	------	12,400	12,700	------	------
BROCKTON, MASS.	13,200	14,500	------	------	------	------	------
BROWNSVILLE-HARLINGEN-SAN BENITO, TEX.	14,000	------	------	------	------	------	------
BUFFALO, N.Y.	15,000	16,600	22,000	12,900	12,800	------	------
CANTON, OHIO	12,000	12,500	------	11,000	12,000	------	------
CEDAR RAPIDS, IOWA	14,300	14,700	------	11,400	15,000	------	------
CHAMPAIGN-URBANA, ILL.	14,500	15,400	------	11,400	10,200	------	------
CHARLESTON, S.C.	15,000	16,900	------	11,000	12,900	------	------
CHARLESTON, W.VA.	15,700	18,200	------	14,000	14,000	------	------
CHARLOTTE, N.C.	14,400	15,500	------	11,900	14,000	------	------
CHATTANOOGA, TENN.-GA.	13,700	14,000	------	13,400	14,000	------	------
CHICAGO, ILL.	15,400	17,300	25,000	14,900	13,800	------	15,000
CINCINNATI, OHIO-KY.-IND.	15,000	17,300	22,400	13,800	13,500	------	------
CLEVELAND, OHIO	15,200	17,000	23,000	13,900	13,500	------	------
COLORADO SPRINGS, COLO.	14,000	14,800	------	12,600	15,600	------	------
COLUMBIA, S.C.	13,500	14,300	------	10,700	12,000	------	------
COLUMBUS, GA.-ALA.	12,100	------	------	------	------	------	------
COLUMBUS, OHIO	14,600	16,000	22,000	12,900	12,900	------	------
CORPUS CHRISTI, TEX.	14,400	16,300	------	13,900	16,400	------	------
DALLAS, TEX.	16,000	17,600	22,000	15,000	15,000	------	------
DAVENPORT-ROCK ISLAND-MOLINE, IOWA-ILL.	13,700	15,000	------	12,700	13,800	------	------
DAYTON, OHIO	15,800	17,200	------	14,600	14,900	------	------
DECATUR, ILL.	15,600	17,500	------	------	13,300	------	------
DENVER, COLO.	15,900	16,300	25,000	14,700	15,000	------	------
DES MOINES, IOWA	14,000	16,000	------	13,600	14,000	------	------
DETROIT, MICH.	15,000	16,800	27,500	14,600	14,000	------	------
DUBUQUE, IOWA	10,900	------	------	10,300	------	------	------
DULUTH-SUPERIOR, MINN.-WIS.	12,000	13,600	------	11,000	11,600	------	------
DURHAM, N.C.	15,700	16,000	25,000	13,000	10,000	------	------
EL PASO, TEX.	13,000	13,900	------	10,600	13,000	------	------
ERIE, PA.	13,200	15,000	------	11,200	13,000	------	------
EUGENE, OREG.	13,100	15,200	------	10,500	11,700	------	------
EVANSVILLE, IND.-KY.	14,500	19,500	------	12,600	13,000	------	------
FALL RIVER, MASS.-R.I.	12,500	------	------	------	------	------	------
FARGO-MOORHEAD, N.DAK.-MINN.	13,500	16,000	------	11,000	------	------	------
FAYETTEVILLE, N.C.	10,500	------	------	------	------	------	------
FITCHBURG-LEOMINSTER, MASS.	15,000	------	------	13,500	------	------	------
FLINT, MICH.	14,300	16,800	------	14,300	13,500	------	------
FORT LAUDERDALE-HOLLYWOOD, FLA.	14,100	16,000	------	12,500	16,000	------	------
FORT SMITH, ARK.-OKLA.	------	------	------	------	------	------	------
FORT WAYNE, IND.	13,900	13,900	------	12,400	14,400	------	------
FORT WORTH, TEX.	14,800	14,700	------	12,900	14,300	------	------
FRESNO, CALIF.	13,500	16,400	------	13,000	12,700	------	------
GADSDEN, ALA.	------	------	------	------	------	------	------
GALVESTON-TEXAS CITY, TEX.	15,000	17,500	------	13,000	13,400	------	------
GARY-HAMMOND-EAST CHICAGO, IND.	15,000	16,800	------	12,600	13,200	------	------
GRAND RAPIDS, MICH.	12,600	13,300	------	12,000	13,200	------	------
GREAT FALLS, MONT.	12,400	------	------	------	13,900	------	------
GREEN BAY, WIS.	12,000	12,500	------	10,900	------	------	------
GREENSBORO-WINSTON-SALEM-HIGH POINT, N.C.	16,900	19,200	------	12,000	13,900	------	------
GREENVILLE, S.C.	13,500	19,000	------	13,200	13,900	------	------
HAMILTON-MIDDLETOWN, OHIO	12,900	13,300	------	11,000	13,900	------	------
HARRISBURG, PA.	13,900	16,700	------	12,000	13,900	------	------
HARTFORD, CONN.	16,000	18,000	------	15,000	15,900	------	------
HONOLULU, HAWAII	14,600	15,900	------	13,900	14,000	------	------
HOUSTON, TEX.	16,000	17,400	27,000	15,000	15,100	------	15,000
HUNTINGTON-ASHLAND, W.VA.-KY.-OHIO	12,000	14,300	------	10,900	11,700	------	------
HUNTSVILLE, ALA.	16,900	17,600	------	15,900	16,300	------	------
INDIANAPOLIS, IND.	15,900	19,900	24,000	13,200	13,100	------	------
JACKSON, MICH.	14,000	------	------	14,000	13,600	------	------

TABLE A-34. MEDIAN ANNUAL SALARIES OF SCIENTISTS, BY STANDARD METROPOLITAN STATISTICAL AREA AND HIGHEST DEGREE, 1970--CONTINUED

LOCATION	TOTAL	HIGHEST DEGREE				LESS THAN BACHELOR'S DEGREE	NO REPORT OF DEGREE
		DOCTORATE	PROFESSIONAL MEDICAL	MASTER'S	BACHELOR'S		
STANDARD METROPOLITAN STATISTICAL AREAS - CONTINUED							
JACKSON, MISS.	14,300	15,000	------	12,900	14,600	------	------
JACKSONVILLE, FLA.	12,600	14,400	------	11,500	13,400	------	------
JERSEY CITY, N.J.	14,000	15,300	------	13,700	13,500	------	------
JOHNSTOWN, PA.	10,500	------	------	9,300	------	------	------
KALAMAZOO, MICH.	16,200	18,000	------	13,800	13,200	------	------
KANSAS CITY, MO.-KANS.	14,400	16,100	25,000	12,500	13,000	------	------
KENOSHA, WIS.	11,600	------	------	11,000	------	------	------
KNOXVILLE, TENN.	15,900	17,000	------	13,700	14,700	------	------
LAFAYETTE, LA.	13,900	13,000	------	13,000	15,000	------	------
LAFAYETTE-WEST LAFAYETTE, IND.	15,000	16,400	------	11,000	5,600	------	------
LAKE CHARLES, LA.	12,700	13,700	------	11,500	12,800	------	------
LANCASTER, PA.	14,000	15,500	------	12,700	13,000	------	------
LANSING, MICH.	15,000	16,000	------	12,100	12,000	------	------
LAREDO, TEX.	------	------	------	------	------	------	------
LAS VEGAS, NEV.	14,600	14,500	------	14,300	15,000	------	------
LAWRENCE-HAVERHILL, MASS.-N.H.	12,700	------	------	12,000	14,100	------	------
LAWTON, OKLA.	11,300	------	------	------	------	------	------
LEWISTON-AUBURN, MAINE	12,000	------	------	------	------	------	------
LEXINGTON, KY.	14,500	15,300	24,500	12,000	11,600	------	------
LIMA, OHIO	12,000	------	------	------	12,400	------	------
LINCOLN, NEBR.	13,700	14,700	------	11,600	11,200	------	------
LITTLE ROCK-NORTH LITTLE ROCK, ARK.	15,000	18,000	------	12,900	13,300	------	------
LORAIN-ELYRIA, OHIO	14,000	16,000	------	12,300	14,000	------	------
LOS ANGELES-LONG BEACH, CALIF.	16,300	17,700	26,000	15,300	15,600	------	14,000
LOUISVILLE, KY.-IND.	14,000	15,700	------	13,000	12,400	------	------
LOWELL, MASS.	15,200	17,800	------	14,200	14,800	------	------
LUBBOCK, TEX.	14,400	15,300	------	11,000	------	------	------
LYNCHBURG, VA.	13,000	13,500	------	10,600	14,100	------	------
MACON, GA.	12,300	------	------	12,000	13,200	------	------
MADISON, WIS.	14,600	15,400	19,000	11,800	10,000	------	------
MANCHESTER, N.H.	11,900	------	------	------	------	------	------
MANSFIELD, OHIO	10,200	------	------	------	------	------	------
MAYAGUEZ, P.R.	12,300	14,400	------	9,500	------	------	------
MCALLEN-PHARR-EDINBURG, TEX.	14,000	16,000	------	12,000	11,500	------	------
MEMPHIS, TENN.-ARK.	14,000	15,300	23,700	11,000	13,100	------	------
MERIDEN, CONN.	------	------	------	------	------	------	------
MIAMI, FLA.	14,700	15,900	20,500	13,100	13,800	------	------
MIDLAND, TEX.	15,200	------	------	15,600	15,000	------	------
MILWAUKEE, WIS.	14,000	15,700	25,000	13,400	12,900	------	------
MINNEAPOLIS-ST. PAUL, MINN.	15,600	16,900	25,000	14,000	14,400	------	------
MOBILE, ALA.	12,400	12,600	------	12,000	13,000	------	------
MONROE, LA.	11,800	12,100	------	10,800	11,000	------	------
MONTGOMERY, ALA.	13,900	16,500	------	10,700	13,800	------	------
MUNCIE, IND.	13,000	14,000	------	10,900	------	------	------
MUSKEGON-MUSKEGON HEIGHTS, MICH.	14,500	------	------	15,000	13,700	------	------
NASHVILLE, TENN.	14,000	15,000	23,000	12,200	12,700	------	------
NEW BEDFORD, MASS.	13,200	15,000	------	------	------	------	------
NEW BRITAIN, CONN.	12,000	14,000	------	11,000	------	------	------
NEW HAVEN, CONN.	14,700	15,000	24,100	11,400	14,000	------	------
NEW LONDON-GROTON-NORWICH, CONN.	16,000	17,500	------	14,000	13,500	------	------
NEW ORLEANS, LA.	15,000	15,000	22,400	14,700	15,000	------	------
NEW YORK, N.Y.	17,000	18,000	26,000	15,400	16,000	------	15,000
NEWARK, N.J.	17,000	19,300	29,000	15,000	14,500	------	15,000
NEWPORT NEWS-HAMPTON, VA.	15,200	18,000	------	14,800	15,100	------	------
NORFOLK-PORTSMOUTH, VA.	12,800	13,500	------	11,900	13,400	------	------
NORWALK, CONN.	17,300	20,400	------	15,300	15,000	------	------
ODESSA, TEX.	12,300	------	------	------	12,800	------	------
OGDEN, UTAH	13,700	12,000	------	13,000	14,600	------	------
OKLAHOMA CITY, OKLA.	14,500	15,000	26,000	13,200	14,500	------	------
OMAHA, NEBR.-IOWA	14,400	16,000	------	12,000	13,800	------	------
ORLANDO, FLA.	14,500	15,200	------	14,900	14,000	------	------
OXNARD-VENTURA, CALIF.	15,200	19,000	------	14,800	14,300	------	------
PATERSON-CLIFTON-PASSAIC, N.J.	16,000	17,700	------	15,400	15,000	------	------
PENSACOLA, FLA.	14,600	16,000	------	12,400	14,000	------	------
PEORIA, ILL.	14,700	17,000	------	13,900	14,200	------	------
PHILADELPHIA, PA.-N.J.	15,600	17,000	26,000	14,000	14,200	------	14,400
PHOENIX, ARIZ.	14,000	15,000	------	13,000	13,800	------	------
PINE BLUFF, ARK.	14,400	------	------	------	------	------	------
PITTSBURGH, PA.	15,700	17,500	30,000	14,400	14,100	------	------
PITTSFIELD, MASS.	15,000	------	------	13,000	15,000	------	------
PONCE, P.R.	------	------	------	------	------	------	------
PORTLAND, MAINE	13,000	------	------	12,000	13,500	------	------
PORTLAND, OREG.-WASH.	14,100	15,000	25,000	12,900	13,800	------	------
PROVIDENCE-PAWTUCKET-WARWICK, R.I.-MASS.	13,600	15,000	------	10,700	12,300	------	------
PROVO-OREM, UTAH	12,700	12,800	------	11,500	------	------	------
PUEBLO, COLO.	12,600	13,400	------	11,700	------	------	------
RACINE, WIS.	15,000	18,500	------	14,000	13,200	------	------
RALEIGH, N.C.	15,000	16,000	------	11,800	13,100	------	------
READING, PA.	13,000	15,000	------	10,900	13,000	------	------
RENO, NEV.	14,300	15,500	------	13,000	12,600	------	------
RICHMOND, VA.	14,700	15,800	25,000	12,800	13,300	------	------
ROANOKE, VA.	12,600	13,500	------	11,400	13,200	------	------
ROCHESTER, N.Y.	16,500	18,000	23,000	15,000	14,900	------	------
ROCKFORD, ILL.	12,200	------	------	12,000	12,000	------	------
SACRAMENTO, CALIF.	15,000	16,100	------	13,800	14,200	------	------
SAGINAW, MICH.	13,800	------	------	------	------	------	------
SALEM, OREGON	12,200	14,000	------	10,900	12,000	------	------
SALINAS-MONTEREY, CALIF.	15,200	17,000	------	14,200	12,900	------	------
ST. JOSEPH, MO.	10,600	------	------	------	------	------	------
ST. LOUIS, MO.-ILL.	15,900	16,900	22,000	13,900	13,500	------	------

TABLE A-34. MEDIAN ANNUAL SALARIES OF SCIENTISTS, BY STANDARD METROPOLITAN STATISTICAL AREA AND HIGHEST DEGREE, 1970--CONTINUED

LOCATION	TOTAL	HIGHEST DEGREE				LESS THAN BACHELOR'S DEGREE	NO REPORT OF DEGREE
		DOCTORATE	PROFESSIONAL MEDICAL	MASTER'S	BACHELOR'S		
STANDARD METROPOLITAN STATISTICAL AREAS - CONTINUED							
SALT LAKE CITY, UTAH	15,000	15,300	25,000	14,000	14,000	------	------
SAN ANGELO, TEX.	12,000	------	------	------	------	------	------
SAN ANTONIO, TEX.	14,700	16,800	------	12,000	13,000	------	------
SAN BERNARDINO-RIVERSIDE-ONTARIO, CALIF.	14,200	16,000	------	13,200	12,800	------	------
SAN DIEGO, CALIF.	15,000	16,000	22,500	14,300	14,300	------	------
SAN FRANCISCO-OAKLAND, CALIF.	16,000	17,600	25,000	15,000	14,600	------	17,000
SAN JOSE, CALIF.	17,000	18,000	23,700	15,800	15,600	------	------
SAN JUAN, P.R.	13,300	14,200	------	9,700	15,000	------	------
SANTA BARBARA, CALIF.	15,000	15,800	------	14,200	15,300	------	------
SAVANNAH, GA.	13,400	16,900	------	12,500	12,700	------	------
SCRANTON, PA.	10,800	------	------	11,000	------	------	------
SEATTLE-EVERETT, WASH.	14,600	15,500	21,600	13,400	13,600	------	------
SHERMAN-DENISON, TEX.	12,000	------	------	------	------	------	------
SHREVEPORT, LA.	13,700	12,500	------	13,000	14,400	------	------
SIOUX CITY, IOWA-NEB.	10,600	------	------	------	------	------	------
SIOUX FALLS, S.DAK.	11,600	11,700	------	------	------	------	------
SOUTH BEND, IND.	12,400	13,300	------	10,000	10,000	------	------
SPOKANE, WASH.	12,000	13,500	------	11,700	11,600	------	------
SPRINGFIELD, ILL.	14,500	------	------	14,000	13,000	------	------
SPRINGFIELD, MO.	11,800	12,400	------	9,800	------	------	------
SPRINGFIELD, OHIO	12,000	12,300	------	------	------	------	------
SPRINGFIELD-CHICOPEE-HOLYOKE, MASS.-CONN.	14,000	15,300	------	12,100	14,300	------	------
STAMFORD, CONN.	17,100	18,700	------	15,300	15,000	------	------
STEUBENVILLE-WEIRTON, OHIO-W.VA.	11,800	------	------	------	------	------	------
STOCKTON, CALIF.	13,100	14,000	------	13,100	12,100	------	------
SYRACUSE, N.Y.	14,900	15,800	26,500	13,200	13,000	------	------
TACOMA, WASH.	12,600	14,000	------	12,000	12,300	------	------
TALLAHASSEE, FLA.	13,100	14,500	------	10,500	12,000	------	------
TAMPA-ST. PETERSBURG, FLA.	14,400	16,000	------	12,000	13,000	------	------
TERRE HAUTE, IND.	13,400	14,500	------	10,400	12,600	------	------
TEXARKANA, TEX.-ARK.	------	------	------	------	------	------	------
TOLEDO, OHIO-MICH.	14,000	15,000	------	13,000	12,500	------	------
TOPEKA, KANS.	13,700	17,000	------	11,600	12,000	------	------
TRENTON, N.J.	16,400	17,600	------	14,800	14,000	------	------
TUCSON, ARIZ.	14,300	15,000	------	12,000	12,900	------	------
TULSA, OKLA.	15,500	16,200	------	15,000	15,000	------	------
TUSCALOOSA, ALA.	13,900	14,800	------	10,000	11,600	------	------
TYLER, TEX.	13,400	------	------	------	14,400	------	------
UTICA-ROME, N.Y.	13,000	15,100	------	12,000	13,000	------	------
VALLEJO-NAPA, CALIF.	13,000	14,900	------	13,100	12,700	------	------
VINELAND-MILLVILLE-BRIDGETON, N.J.	13,700	------	------	------	------	------	------
WACO, TEX.	14,000	14,500	------	------	------	------	------
WASHINGTON, D.C.-MD.-VA.	18,500	20,000	23,700	17,400	17,000	------	16,500
WATERBURY, CONN.	15,000	17,400	------	13,000	14,000	------	------
WATERLOO, IOWA	12,000	14,600	------	10,600	------	------	------
WEST PALM BEACH, FLA.	13,700	15,000	------	12,000	14,000	------	------
WHEELING, W.VA.-OHIO	10,100	------	------	8,700	------	------	------
WICHITA, KANS.	13,500	15,000	------	11,500	14,200	------	------
WICHITA FALLS, TEX.	12,000	------	------	------	12,000	------	------
WILKES-BARRE-HAZLETON, PA.	11,300	13,000	------	10,100	------	------	------
WILMINGTON, DEL.-N.J.-MD.	18,000	18,600	------	15,900	15,800	------	------
WILMINGTON, N.C.	12,500	------	------	------	------	------	------
WORCESTER, MASS.	14,000	15,000	------	11,800	15,000	------	------
YORK, PA.	12,100	14,000	------	10,100	12,500	------	------
YOUNGSTOWN-WARREN, OHIO	12,400	13,000	------	12,000	12,000	------	------
OTHER LOCATIONS	13,500	15,700	22,000	11,800	12,300	14,200	13,500

NOTE - ALL MEDIAN SALARIES WERE COMPUTED ONLY FOR FULL-TIME EMPLOYED CIVILIAN SCIENTISTS. NO MEDIAN WAS COMPUTED FOR GROUPS WITH FEWER THAN 25 REGISTRANTS REPORTING SALARY.

SOURCE - NATIONAL REGISTER OF SCIENTIFIC AND TECHNICAL PERSONNEL, 1970.

TABLE A-35. MEDIAN ANNUAL SALARIES OF SCIENTISTS, BY STANDARD METROPOLITAN STATISTICAL AREA AND TYPE OF EMPLOYER, 1970

LOCATION	TOTAL	TYPE OF EMPLOYER								NO REPORT OF TYPE OF EMPLOYER
		EDUCATIONAL INSTITUTIONS		FEDERAL GOVERN-MENT	OTHER GOVERN-MENT	NONPROFIT ORGANIZA-TIONS	INDUSTRY AND BUSINESS	SELF-EMPLOYED	OTHER	
		ACADEMIC YEAR	CALENDAR YEAR							
ALL LOCATIONS	15,000	12,500	15,500	16,100	13,000	16,400	16,700	20,000	14,000	15,000
STANDARD METROPOLITAN STATISTICAL AREAS	15,500	12,700	15,700	17,000	13,800	16,500	17,000	20,100	15,000	15,100
ABILENE, TEX.	11,100	9,500	------	------	------	------	12,000	------	------	------
AKRON, OHIO	14,600	12,600	16,200	------	10,800	------	15,100	------	------	------
ALBANY, GA.	10,900	------	------	------	------	------	------	------	------	------
ALBANY-SCHENECTADY-TROY, N.Y.	15,600	13,000	15,500	15,800	15,100	------	18,000	------	------	------
ALBUQUERQUE, N.MEX.	16,500	12,500	15,600	16,000	------	17,000	18,700	------	------	------
ALLENTOWN-BETHLEHEM-EASTON, PA.-N.J.	14,400	12,000	12,000	------	------	------	16,500	------	------	------
ALTOONA, PA.	10,600	------	------	------	------	------	------	------	------	------
AMARILLO, TEX.	14,400	11,100	------	14,700	------	------	15,000	------	------	------
ANAHEIM-SANTA ANA-GARDEN GROVE, CALIF.	16,600	13,000	15,000	15,200	13,300	------	18,500	24,800	------	------
ANDERSON, IND.	11,000	------	------	------	------	------	------	------	------	------
ANN ARBOR, MICH.	15,000	14,000	16,100	14,300	13,500	14,000	16,800	------	------	------
ASHEVILLE, N.C.	13,900	------	------	14,700	------	------	14,000	------	------	------
ATLANTA, GA.	15,000	13,100	17,100	16,100	12,000	------	16,000	------	------	------
ATLANTIC CITY, N.J.	13,000	------	------	------	------	------	------	------	------	------
AUGUSTA, GA.-S.C.	15,600	------	19,000	15,200	------	------	16,500	------	------	------
AUSTIN, TEX.	14,200	13,500	14,300	14,200	13,200	------	17,000	------	------	------
BAKERSFIELD, CALIF.	16,000	------	------	17,900	------	------	15,400	------	------	------
BALTIMORE, MD.	15,300	12,200	16,000	16,800	14,700	14,700	16,400	------	------	------
BATON ROUGE, LA.	14,600	12,600	14,400	14,700	------	------	17,000	------	------	------
BAY CITY, MICH.	12,600	12,600	------	------	------	------	------	------	------	------
BEAUMONT-PORT ARTHUR-ORANGE, TEX.	14,500	12,900	------	------	------	------	15,200	------	------	------
BILLINGS, MONT.	13,200	11,300	------	14,800	------	------	15,000	------	------	------
BILOXI-GULFPORT, MISS.	13,400	------	------	14,700	------	------	------	------	------	------
BINGHAMTON, N.Y.-PA.	16,000	14,000	------	------	------	------	17,000	------	------	------
BIRMINGHAM, ALA.	15,000	11,000	20,000	------	------	14,100	14,800	------	------	------
BLOOMINGTON-NORMAL, ILL.	14,400	13,200	18,700	------	------	------	16,500	------	------	------
BOISE CITY, IDAHO	13,500	------	------	14,700	11,300	------	14,400	------	------	------
BOSTON, MASS.	16,000	13,000	14,500	17,900	13,200	16,500	17,900	20,000	15,500	------
BRIDGEPORT, CONN.	13,000	11,500	------	------	------	------	14,500	------	------	------
BROCKTON, MASS.	13,200	11,700	------	------	------	------	------	------	------	------
BROWNSVILLE-HARLINGEN-SAN BENITO, TEX.	14,000	------	------	------	------	------	------	------	------	------
BUFFALO, N.Y.	15,000	13,500	15,200	16,000	17,400	17,000	15,400	------	------	------
CANTON, OHIO	12,000	10,000	------	------	------	------	13,500	------	------	------
CEDAR RAPIDS, IOWA	14,000	11,400	------	------	------	------	17,000	------	------	------
CHAMPAIGN-URBANA, ILL.	14,500	14,000	15,000	15,600	14,600	------	16,500	------	------	------
CHARLESTON, S.C.	15,000	11,000	18,000	14,700	------	------	15,200	------	------	------
CHARLESTON, W.VA.	15,700	12,500	------	------	11,000	------	16,400	------	------	------
CHARLOTTE, N.C.	14,400	11,500	------	------	------	------	15,600	------	------	------
CHATTANOOGA, TENN.-GA.	13,700	------	------	------	------	------	16,800	------	------	------
CHICAGO, ILL.	15,400	13,000	16,000	16,100	15,600	16,500	16,000	22,000	16,000	------
CINCINNATI, OHIO-KY.-IND.	15,000	11,700	15,300	16,000	------	13,500	16,000	------	------	------
CLEVELAND, OHIO	15,200	12,500	16,000	17,400	13,700	16,000	16,000	25,000	------	------
COLORADO SPRINGS, COLO.	14,000	11,500	12,000	16,300	------	------	17,500	------	------	------
COLUMBIA, S.C.	13,500	13,400	13,500	14,700	14,000	------	13,600	------	------	------
COLUMBUS, GA.-ALA.	12,100	------	------	------	------	------	------	------	------	------
COLUMBUS, OHIO	14,600	13,100	16,000	15,600	12,000	15,300	15,500	------	------	------
CORPUS CHRISTI, TEX.	14,400	------	------	------	------	------	14,600	------	------	------
DALLAS, TEX.	16,000	13,000	17,600	15,800	------	13,600	16,800	24,000	------	------
DAVENPORT-ROCK ISLAND-MOLINE, IOWA-ILL.	13,700	11,800	------	15,700	------	------	15,100	------	------	------
DAYTON, OHIO	15,800	11,700	15,600	18,000	------	15,000	15,700	------	14,000	------
DECATUR, ILL.	15,600	------	------	------	------	------	16,300	------	------	------
DENVER, COLO.	15,500	12,500	15,500	17,000	13,500	15,000	16,000	20,000	14,400	------
DES MOINES, IOWA	14,000	12,000	------	------	13,300	------	17,500	------	------	------
DETROIT, MICH.	15,000	12,700	16,700	14,300	13,300	15,200	16,300	20,000	------	------
DUBUQUE, IOWA	10,900	10,000	------	------	------	------	------	------	------	------
DULUTH-SUPERIOR, MINN.-WIS.	12,000	11,600	------	13,100	------	------	13,500	------	------	------
DURHAM, N.C.	15,700	14,200	16,000	17,300	------	16,800	18,000	------	------	------
EL PASO, TEX.	13,000	11,900	------	13,800	------	------	15,300	------	------	------
ERIE, PA.	13,200	11,300	------	------	------	------	15,000	------	------	------
EUGENE, OREG.	13,100	13,900	13,200	12,300	------	------	14,400	------	------	------
EVANSVILLE, IND.-KY.	14,500	11,500	------	------	------	------	16,400	------	------	------
FALL RIVER, MASS.-R.I.	12,500	------	------	------	------	------	------	------	------	------
FARGO-MOORHEAD, N.DAK.-MINN.	13,500	12,200	14,200	15,800	------	------	------	------	------	------
FAYETTEVILLE, N.C.	10,500	------	------	------	------	------	------	------	------	------
FITCHBURG-LEOMINSTER, MASS.	15,000	------	------	------	------	------	17,500	------	------	------
FLINT, MICH.	16,000	13,000	14,900	------	------	------	14,500	------	------	------
FORT LAUDERDALE-HOLLYWOOD, FLA.	14,100	12,500	------	------	------	------	16,500	------	------	------
FORT SMITH, ARK.-OKLA.	------	------	------	------	------	------	------	------	------	------
FORT WAYNE, IND.	13,300	11,600	------	------	------	------	15,200	------	------	------
FORT WORTH, TEX.	14,000	12,000	12,800	15,600	------	------	15,600	------	------	------
FRESNO, CALIF.	13,500	13,000	13,000	13,900	12,900	------	15,900	------	------	------
GADSDEN, ALA.	------	------	------	------	------	------	------	------	------	------
GALVESTON-TEXAS CITY, TEX.	15,000	------	17,800	------	------	------	14,400	------	------	------
GARY-HAMMOND-EAST CHICAGO, IND.	15,000	11,200	------	------	------	------	17,000	------	------	------
GRAND RAPIDS, MICH.	12,400	11,000	------	------	------	------	15,000	------	------	------
GREAT FALLS, MONT.	12,400	------	------	14,700	------	------	------	------	------	------
GREEN BAY, WIS.	12,000	11,000	------	------	------	------	------	------	------	------
GREENSBORO-WINSTON-SALEM-HIGH POINT, N.C.	14,100	12,000	15,000	------	------	------	17,000	------	------	------
GREENVILLE, S.C.	13,500	------	------	------	------	------	15,000	------	------	------
HAMILTON-MIDDLETOWN, OHIO	12,900	12,100	------	------	------	------	15,000	------	------	------
HARRISBURG, PA.	13,300	10,000	14,000	14,300	13,500	------	15,500	------	------	------
HARTFORD, CONN.	16,000	11,800	16,000	14,400	13,000	16,000	17,600	------	------	------
HONOLULU, HAWAII	14,600	13,000	15,400	15,500	14,500	14,000	17,600	------	------	------
HOUSTON, TEX.	16,000	13,200	17,500	16,300	11,200	14,500	16,200	29,000	15,000	------

TABLE A-35. MEDIAN ANNUAL SALARIES OF SCIENTISTS, BY STANDARD METROPOLITAN STATISTICAL AREA AND TYPE OF EMPLOYER, 1970--CONTINUED

LOCATION	TOTAL	TYPE OF EMPLOYER								NO REPORT OF TYPE OF EMPLOYER
		EDUCATIONAL INSTITUTIONS		FEDERAL GOVERN-MENT	OTHER GOVERN-MENT	NONPROFIT ORGANIZA-TIONS	INDUSTRY AND BUSINESS	SELF-EMPLOYED	OTHER	
		ACADEMIC YEAR	CALENDAR YEAR							
STANDARD METROPOLITAN STATISTICAL AREAS - CONTINUED										
HUNTINGTON-ASHLAND, W.VA.-KY.-OHIO	12,000	10,300	------	------	------	------	12,600	------	------	------
HUNTSVILLE, ALA.	16,300	12,000	------	17,900	------	------	15,200	------	------	------
INDIANAPOLIS, IND.	15,500	11,000	16,500	14,200	12,300	------	17,200	------	------	------
JACKSON, MICH.	14,000	------	------	------	------	------	16,000	------	------	------
JACKSON, MISS.	14,300	11,000	17,500	15,600	------	------	15,300	------	------	------
JACKSONVILLE, FLA.	12,600	10,000	------	------	------	------	16,800	------	------	------
JERSEY CITY, N.J.	14,000	11,900	18,000	------	------	------	15,500	------	------	------
JOHNSTOWN, PA.	10,500	------	------	------	------	------	------	------	------	------
KALAMAZOO, MICH.	16,200	13,000	17,600	------	------	------	18,000	------	------	------
KANSAS CITY, MO.-KANS.	14,400	11,800	16,500	15,600	13,000	15,500	15,000	------	------	------
KENOSHA, WIS.	11,600	11,000	------	------	------	------	------	------	------	------
KNOXVILLE, TENN.	15,900	12,500	15,400	16,100	13,500	17,400	17,000	------	17,400	------
LAFAYETTE, LA.	13,900	10,600	------	------	------	------	14,400	------	------	------
LAFAYETTE-WEST LAFAYETTE, IND.	15,000	12,500	16,000	14,200	------	------	16,000	------	------	------
LAKE CHARLES, LA.	12,700	------	------	------	------	------	13,100	------	------	------
LANCASTER, PA.	14,000	12,300	------	------	------	------	15,900	------	------	------
LANSING, MICH.	15,000	13,100	16,900	14,800	15,000	------	15,300	------	------	------
LAREDO, TEX.	------	------	------	------	------	------	------	------	------	------
LAS VEGAS, NEV.	14,600	12,500	------	15,000	------	------	16,200	------	------	------
LAWRENCE-HAVERHILL, MASS.-N.H.	12,700	10,500	------	------	------	------	15,000	------	------	------
LAWTON, OKLA.	11,300	------	------	------	------	------	------	------	------	------
LEWISTON-AUBURN, MAINE	12,000	------	------	------	------	------	------	------	------	------
LEXINGTON, KY.	14,500	12,700	16,500	17,400	------	------	17,200	------	------	------
LIMA, OHIO	12,000	------	------	------	------	------	14,000	------	------	------
LINCOLN, NEBR.	13,700	12,000	15,000	16,600	11,000	------	13,200	------	------	------
LITTLE ROCK-NORTH LITTLE ROCK, ARK.	15,000	------	19,000	16,000	11,400	------	15,300	------	------	------
LORAIN-ELYRIA, OHIO	14,000	13,400	------	------	------	------	15,000	------	------	------
LOS ANGELES-LONG BEACH, CALIF.	16,300	13,300	15,700	16,100	14,500	19,000	18,000	24,000	16,000	17,000
LOUISVILLE, KY.-IND.	14,000	11,500	16,200	13,800	------	------	15,000	------	------	------
LOWELL, MASS.	15,200	12,500	------	------	------	------	17,000	------	------	------
LUBBOCK, TEX.	14,400	13,000	17,700	------	------	------	------	------	------	------
LYNCHBURG, VA.	13,000	11,700	------	------	------	------	14,800	------	------	------
MACON, GA.	12,300	------	------	14,300	------	------	------	------	------	------
MADISON, WIS.	14,600	14,000	15,000	15,000	12,500	14,600	15,600	------	------	------
MANCHESTER, N.H.	11,900	------	------	------	------	------	------	------	------	------
MANSFIELD, OHIO	10,200	------	------	------	------	------	------	------	------	------
MAYAGUEZ, P.R.	12,300	------	12,300	------	------	------	------	------	------	------
MCALLEN-PHARR-EDENBURG, TEX.	14,000	------	------	15,000	------	------	------	------	------	------
MEMPHIS, TENN.-ARK.	14,000	12,300	16,000	16,000	------	16,200	15,000	------	------	------
MERIDEN, CONN.	------	------	------	------	------	------	------	------	------	------
MIAMI, FLA.	14,700	13,200	15,000	15,800	------	14,000	15,600	------	------	------
MIDLAND, TEX.	15,200	------	------	------	------	------	15,300	18,000	------	------
MILWAUKEE, WIS.	14,000	12,800	15,300	15,800	13,200	15,200	15,000	------	------	------
MINNEAPOLIS-ST. PAUL, MINN.	15,600	13,500	16,500	15,000	13,300	16,900	16,400	26,000	------	------
MOBILE, ALA.	12,400	11,000	------	------	------	------	14,000	------	------	------
MONROE, LA.	11,800	11,500	------	------	------	------	11,600	------	------	------
MONTGOMERY, ALA.	13,500	------	------	------	------	------	------	------	------	------
MUNCIE, IND.	13,000	12,500	------	------	------	------	------	------	------	------
MUSKEGON-MUSKEGON HEIGHTS, MICH.	14,500	------	------	------	------	------	16,400	------	------	------
NASHVILLE, TENN.	14,000	12,500	15,800	15,600	12,000	------	16,300	------	------	------
NEW BEDFORD, MASS.	13,200	13,700	------	------	------	------	------	------	------	------
NEW BRITAIN, CONN.	12,000	12,000	------	------	------	------	------	------	------	------
NEW HAVEN, CONN.	14,700	13,000	14,200	16,300	17,000	15,000	16,600	------	------	------
NEW LONDON-GROTON-NORWICH, CONN.	16,000	13,000	------	17,300	------	------	16,800	------	------	------
NEW ORLEANS, LA.	15,000	11,800	15,000	16,000	11,000	14,600	15,500	21,000	------	------
NEW YORK, N.Y.	17,000	14,500	16,000	16,500	15,300	17,000	19,700	25,000	17,000	18,000
NEWARK, N.J.	17,000	12,400	14,500	16,500	------	15,600	17,600	25,000	------	------
NEWPORT NEWS-HAMPTON, VA.	15,200	------	------	16,300	------	------	12,500	------	------	------
NORFOLK-PORTSMOUTH, VA.	12,800	11,500	------	14,800	------	------	15,000	------	------	------
NORWALK, CONN.	17,300	------	------	------	------	------	18,000	------	------	------
ODESSA, TEX.	12,300	------	------	------	------	------	13,400	------	------	------
OGDEN, UTAH	13,700	10,700	------	14,900	------	------	------	------	------	------
OKLAHOMA CITY, OKLA.	14,500	12,000	16,100	15,400	12,000	15,000	15,200	20,000	------	------
OMAHA, NEBR.-IOWA	14,400	11,000	17,000	16,300	------	------	15,000	------	------	------
ORLANDO, FLA.	14,500	11,500	------	16,000	------	------	16,100	------	------	------
OXNARD-VENTURA, CALIF.	15,200	13,000	------	15,600	13,000	------	18,000	------	------	------
PATERSON-CLIFTON-PASSAIC, N.J.	16,000	12,800	16,200	------	------	------	17,000	25,000	------	------
PENSACOLA, FLA.	14,600	11,900	------	16,500	------	------	16,000	------	------	------
PEORIA, ILL.	14,700	11,700	14,300	16,000	13,300	------	15,000	------	------	------
PHILADELPHIA, PA.-N.J.	15,600	12,000	16,700	16,000	13,000	15,700	16,900	21,000	14,800	------
PHOENIX, ARIZ.	14,000	13,100	13,400	14,600	11,000	------	16,200	------	------	------
PINE BLUFF, ARK.	14,400	------	------	------	------	------	------	------	------	------
PITTSBURGH, PA.	15,700	12,500	16,000	16,100	14,000	15,000	16,800	------	14,500	------
PITTSFIELD, MASS.	15,000	------	------	------	------	------	17,300	------	------	------
PONCE, P.R.	------	------	------	------	------	------	------	------	------	------
PORTLAND, MAINE	13,000	------	------	------	------	------	15,500	------	------	------
PORTLAND, OREG.-WASH.	14,100	11,900	18,000	15,800	12,900	16,000	14,400	------	------	------
PROVIDENCE-PAWTUCKET-WARWICK, R.I.-MASS.	13,400	12,300	14,000	------	11,000	15,600	15,200	------	------	------
PROVO-OREM, UTAH	12,700	12,000	15,000	------	------	------	------	------	------	------
PUEBLO, COLO.	12,600	11,300	------	------	------	------	------	------	------	------
RACINE, WIS.	15,000	------	------	------	------	------	16,000	------	------	------
RALEIGH, N.C.	15,000	12,500	16,200	15,800	13,000	------	15,700	------	------	------
READING, PA.	13,000	11,000	------	------	------	------	15,000	------	------	------
RENO, NEV.	14,300	12,500	15,500	14,200	------	------	13,200	------	------	------
RICHMOND, VA.	14,700	11,000	16,000	------	12,000	------	15,900	------	------	------
ROANOKE, VA.	12,600	11,800	------	------	------	------	------	------	------	------

TABLE A-35. MEDIAN ANNUAL SALARIES OF SCIENTISTS, BY STANDARD METROPOLITAN STATISTICAL AREA AND TYPE OF EMPLOYER, 1970--CONTINUED

LOCATION	TOTAL	TYPE OF EMPLOYER								NO REPORT OF TYPE OF EMPLOYER
		EDUCATIONAL INSTITUTIONS		FEDERAL GOVERNMENT	OTHER GOVERNMENT	NONPROFIT ORGANIZATIONS	INDUSTRY AND BUSINESS	SELF-EMPLOYED	OTHER	
		ACADEMIC YEAR	CALENDAR YEAR							
STANDARD METROPOLITAN STATISTICAL AREAS - CONTINUED										
ROCHESTER, N.Y.	16,500	12,700	15,500	------	------	13,600	18,300	------	------	------
ROCKFORD, ILL.	12,200	------	------	------	------	------	13,500	------	------	------
SACRAMENTO, CALIF.	15,000	12,900	17,100	14,000	15,000	------	16,900	------	------	------
SAGINAW, MICH.	13,300	------	------	------	------	------	------	------	------	------
SALEM, OREGON	12,200	12,500	------	11,500	12,300	------	------	------	------	------
SALINAS-MONTEREY, CALIF.	15,200	14,900	17,100	15,200	------	------	16,500	------	------	------
ST. JOSEPH, MO.	10,600	------	------	------	------	------	------	------	------	------
ST. LOUIS, MO.-ILL.	15,300	13,000	16,400	13,800	12,800	15,000	16,800	20,000	------	------
SALT LAKE CITY, UTAH	15,000	13,000	15,000	16,100	12,000	------	16,000	------	------	------
SAN ANGELO, TEX.	12,000	------	------	------	------	------	------	------	------	------
SAN ANTONIO, TEX.	14,700	10,000	16,000	16,000	------	15,500	15,600	------	------	------
SAN BERNARDINO-RIVERSIDE-ONTARIO, CALIF.	14,200	12,700	15,500	15,500	12,500	20,000	15,200	------	------	------
SAN DIEGO, CALIF.	15,000	13,500	13,500	15,800	13,900	14,000	17,400	18,000	------	------
SAN FRANCISCO-OAKLAND, CALIF.	16,000	14,000	15,500	16,400	15,300	18,000	17,200	22,000	14,400	------
SAN JOSE, CALIF.	17,000	15,000	16,000	18,000	15,000	15,100	18,000	21,000	------	------
SAN JUAN, P.R.	13,300	12,200	13,000	15,200	------	------	18,000	------	------	------
SANTA BARBARA, CALIF.	15,000	13,000	12,000	15,800	------	------	18,000	------	------	------
SAVANNAH, GA.	13,400	------	------	14,300	------	------	15,000	------	------	------
SCRANTON, PA.	10,800	10,000	------	------	------	------	------	------	------	------
SEATTLE-EVERETT, WASH.	14,600	12,600	15,000	14,700	12,300	16,100	17,000	19,000	------	------
SHERMAN-DENISON, TEX.	12,000	------	------	------	------	------	------	------	------	------
SHREVEPORT, LA.	13,700	11,000	------	------	------	------	14,400	------	------	------
SIOUX CITY, IOWA-NEB.	10,600	------	------	------	------	------	------	------	------	------
SIOUX FALLS, S.DAK.	11,600	10,500	------	------	------	------	------	------	------	------
SOUTH BEND, IND.	12,400	12,300	13,300	------	------	------	14,300	------	------	------
SPOKANE, WASH.	12,000	11,500	------	------	------	------	16,300	------	------	------
SPRINGFIELD, ILL.	14,500	------	------	------	14,500	------	------	------	------	------
SPRINGFIELD, MO.	11,800	11,000	------	------	------	------	------	------	------	------
SPRINGFIELD, OHIO	12,000	12,000	------	------	------	------	------	------	------	------
SPRINGFIELD-CHICOPEE-HOLYOKE, MASS.-CONN.	14,000	11,500	14,000	------	------	------	16,200	------	------	------
STAMFORD, CONN.	17,100	------	------	------	------	------	17,800	------	------	------
STEUBENVILLE-WEIRTON, OHIO-W.VA.	11,800	------	------	------	------	------	------	------	------	------
STOCKTON, CALIF.	13,100	13,000	------	------	------	------	13,000	------	------	------
SYRACUSE, N.Y.	14,900	12,800	16,000	15,000	------	16,000	16,500	------	------	------
TACOMA, WASH.	12,600	11,300	14,600	14,200	------	------	13,500	------	------	------
TALLAHASSEE, FLA.	13,100	13,100	14,000	13,800	12,800	------	------	------	------	------
TAMPA-ST. PETERSBURG, FLA.	14,400	11,500	16,000	------	------	------	15,400	------	------	------
TERRE HAUTE, IND.	13,400	13,100	------	------	------	------	15,000	------	------	------
TEXARKANA, TEX.-ARK.	------	------	------	------	------	------	------	------	------	------
TOLEDO, OHIO-MICH.	14,000	13,000	18,000	------	------	------	15,000	------	------	------
TOPEKA, KANS.	13,200	------	------	------	12,500	20,000	13,200	------	------	------
TRENTON, N.J.	16,400	13,000	12,000	14,200	12,500	17,800	18,300	------	------	------
TUCSON, ARIZ.	14,300	13,000	16,000	14,500	------	------	15,000	------	------	------
TULSA, OKLA.	15,500	12,500	------	------	------	------	16,000	------	------	------
TUSCALOOSA, ALA.	13,900	13,500	18,600	------	10,500	------	------	------	------	------
TYLER, TEX.	13,400	------	------	------	------	------	14,400	------	------	------
UTICA-ROME, N.Y.	13,000	11,300	------	16,500	------	------	13,000	------	------	------
VALLEJO-NAPA, CALIF.	13,000	------	------	14,700	14,900	------	14,200	------	------	------
VINELAND-MILLVILLE-BRIDGETON, N.J.	13,700	------	------	------	------	------	------	------	------	------
WACO, TEX.	14,000	11,000	------	------	------	------	------	------	------	------
WASHINGTON, D.C.-MD.-VA.	18,500	13,000	16,900	19,000	19,300	19,800	19,000	25,000	17,400	18,000
WATERBURY, CONN.	15,000	------	------	------	------	------	15,900	------	------	------
WATERLOO, IOWA	12,000	11,400	------	------	------	------	------	------	------	------
WEST PALM BEACH, FLA.	13,700	12,200	16,000	------	------	------	15,400	------	------	------
WHEELING, W.VA.-OHIO	10,100	8,700	------	------	------	------	------	------	------	------
WICHITA, KANS.	13,500	12,000	------	------	------	------	15,000	------	------	------
WICHITA FALLS, TEX.	12,000	------	------	------	------	------	------	------	------	------
WILKES-BARRE-HAZLETON, PA.	11,300	11,000	------	------	------	------	------	------	------	------
WILMINGTON, DEL.-N.J.-MD.	18,000	13,000	13,200	------	------	15,000	18,300	------	------	------
WILMINGTON, N.C.	12,500	------	------	------	------	------	------	------	------	------
WORCESTER, MASS.	14,000	11,800	16,000	------	------	13,500	18,000	------	------	------
YORK, PA.	12,100	11,000	------	------	------	------	13,700	------	------	------
YOUNGSTOWN-WARREN, OHIO	12,400	11,800	------	------	------	------	15,000	------	------	------
OTHER LOCATIONS	13,500	12,000	15,000	13,800	11,200	15,400	15,300	15,000	12,000	13,200

NOTE - ALL MEDIAN SALARIES WERE COMPUTED ONLY FOR FULL-TIME EMPLOYED CIVILIAN SCIENTISTS. NO MEDIAN WAS COMPUTED FOR GROUPS WITH FEWER THAN 25 REGISTRANTS REPORTING SALARY.

SOURCE - NATIONAL REGISTER OF SCIENTIFIC AND TECHNICAL PERSONNEL, 1970.

TABLE A-36. MEDIAN ANNUAL SALARIES OF SCIENTISTS, BY STANDARD METROPOLITAN STATISTICAL AREA AND PRIMARY WORK ACTIVITY, 1970

LOCATION	TOTAL	PRIMARY WORK ACTIVITY											NO REPORT OF WORK ACTIVITY
		RESEARCH AND DEVELOPMENT			MANAGEMENT OR ADMINISTRATION		TEACHING		PRO-DUCTION AND INSPEC-TION	CON-SULTING	EXPLORA-TION, FORE-CASTING, REPORTING	OTHER	
		TOTAL (A)	BASIC RESEARCH	APPLIED RESEARCH	TOTAL (B)	OF R&D	ACADEMIC YEAR	CALENDAR YEAR					
ALL LOCATIONS - - -	15,000	15,000	14,700	15,400	19,200	20,700	12,000	15,000	15,400	16,400	14,500	14,200	15,500
STANDARD METROPOLITAN STATISTICAL AREAS -	15,500	15,400	15,000	16,000	20,000	21,000	12,400	15,000	15,900	16,800	14,600	14,500	16,000
ABILENE, TEX. - - - - -	11,100	------	------	------	------	------	9,300	------	------	------	------	------	------
AKRON, OHIO - - - - - -	14,600	15,900	12,100	16,600	19,000	19,000	12,500	------	15,700	15,500	------	15,300	------
ALBANY, GA. - - - - - -	10,900	------	------	------	------	------	------	------	------	------	------	------	------
ALBANY-SCHENECTADY-TROY, N.Y. - - - - - -	15,600	16,000	15,000	17,000	20,000	21,000	12,600	16,000	15,600	17,400	14,900	15,000	16,000
ALBUQUERQUE, N.MEX. - -	16,500	17,000	16,400	17,500	19,000	22,400	12,700	16,000	------	16,800	14,800	------	------
ALLENTOWN-BETHLEHEM-EASTON, PA.-N.J. - - -	14,600	15,000	13,100	15,600	20,500	22,000	11,700	------	15,000	------	------	------	------
ALTOONA, PA. - - - - - -	10,600	------	------	------	------	------	------	------	------	------	------	------	------
AMARILLO, TEX. - - - - -	14,600	14,700	------	------	18,000	------	11,100	------	------	------	14,700	------	------
ANAHEIM-SANTA ANA-GARDEN GROVE, CALIF. -	16,600	17,000	14,900	17,500	21,200	22,900	13,000	13,500	15,000	16,300	15,000	14,500	15,600
ANDERSON, IND. - - - -	11,000	------	------	------	------	------	------	------	------	------	------	------	------
ANN ARBOR, MICH. - - - -	15,000	14,200	13,900	15,000	20,000	21,000	14,000	16,000	------	17,000	12,500	------	15,500
ASHEVILLE, N.C. - - - -	13,900	13,800	------	------	15,900	------	------	------	------	------	------	------	------
ATLANTA, GA. - - - - - -	15,000	14,600	12,400	16,000	18,500	19,000	13,000	17,500	14,000	18,100	13,500	14,600	16,000
ATLANTIC CITY, N.J. - -	13,000	14,000	------	------	------	------	------	------	------	------	------	------	------
AUGUSTA, GA.-S.C. - - -	15,600	15,200	15,000	15,600	18,900	20,000	------	------	14,600	------	------	------	------
AUSTIN, TEX. - - - - - -	14,200	13,600	12,900	16,600	18,500	19,000	13,900	16,200	------	15,900	12,700	------	------
BAKERSFIELD, CALIF. - -	16,000	16,700	18,100	16,100	19,000	20,000	------	------	13,600	------	15,400	------	------
BALTIMORE, MD. - - - - -	15,300	15,400	15,000	16,000	20,000	21,600	11,500	16,000	13,000	15,900	13,900	13,500	16,200
BATON ROUGE, LA. - - - -	14,600	14,600	12,600	15,600	19,900	20,000	12,900	14,400	14,700	------	------	------	------
BAY CITY, MICH. - - - -	12,600	------	------	------	------	------	11,600	------	------	------	------	------	------
BEAUMONT-PORT ARTHUR-ORANGE, TEX. - - - -	14,900	15,700	------	15,300	18,000	21,600	11,600	------	13,200	------	14,000	------	------
BILLINGS, MONT. - - - -	13,200	------	------	------	14,700	------	11,200	------	------	------	15,900	------	------
BILOXI-GULFPORT, MISS. -	13,400	------	------	------	------	------	------	------	------	------	------	------	------
BINGHAMTON, N.Y.-PA. - -	16,000	16,100	------	16,100	19,000	20,000	13,600	------	14,500	------	------	------	------
BIRMINGHAM, ALA. - - - -	15,000	15,800	16,000	15,800	19,500	19,500	11,000	18,500	------	------	------	------	------
BLOOMINGTON-NORMAL, ILL.	14,400	------	------	------	22,500	------	13,000	------	------	------	------	------	------
BOISE CITY, IDAHO - - -	13,500	------	------	------	13,700	------	------	------	------	------	------	------	------
BOSTON, MASS. - - - - -	16,000	15,500	14,600	17,000	21,000	21,500	12,000	16,000	16,000	18,000	16,200	16,500	18,000
BRIDGEPORT, CONN. - - -	13,000	13,000	------	------	18,500	------	11,500	------	------	------	------	------	------
BROCKTON, MASS. - - - -	13,200	------	------	------	------	------	11,700	------	------	------	------	------	------
BROWNSVILLE-HARLINGEN-SAN BENITO, TEX. - - -	14,000	------	------	------	------	------	------	------	------	------	------	------	------
BUFFALO, N.Y. - - - - -	15,000	15,000	14,300	15,600	19,000	19,000	12,600	15,000	13,000	15,000	12,600	13,600	17,500
CANTON, OHIO - - - - - -	12,000	13,000	------	------	15,500	------	------	------	------	------	------	------	------
CEDAR RAPIDS, IOWA - - -	14,000	------	------	------	17,600	------	11,400	------	------	------	------	------	------
CHAMPAIGN-URBANA, ILL. -	14,900	14,000	13,200	15,900	21,000	21,500	13,500	16,500	------	------	------	------	------
CHARLESTON, S.C. - - - -	15,000	15,000	------	------	16,000	------	------	------	------	------	------	------	------
CHARLESTON, W.VA. - - -	15,700	16,600	17,000	16,000	20,000	23,000	12,200	------	15,000	------	------	------	------
CHARLOTTE, N.C. - - - -	14,600	15,000	------	15,000	19,000	18,500	11,400	------	16,000	------	------	------	------
CHATTANOOGA, TENN.-GA. -	13,700	14,300	------	------	19,600	20,000	------	------	13,500	------	------	------	------
CHICAGO, ILL. - - - - -	15,600	14,700	15,000	16,900	20,000	20,000	12,900	16,400	16,000	17,100	14,500	14,000	16,000
CINCINNATI, OHIO-KY.-IND. - - - - - - - -	15,000	15,000	15,900	15,000	19,600	20,000	11,200	15,000	12,800	15,600	14,500	12,600	------
CLEVELAND, OHIO - - - -	15,700	15,000	15,000	15,600	19,500	20,000	12,200	15,600	13,200	17,500	14,000	13,500	16,900
COLORADO SPRINGS, COLO.	14,000	16,000	------	16,000	18,600	22,000	11,500	11,500	------	------	------	------	------
COLUMBIA, S.C. - - - - -	13,500	17,000	15,000	------	16,500	------	13,500	------	------	------	------	------	------
COLUMBUS, GA.-ALA. - - -	12,100	------	------	------	------	------	------	------	------	------	------	------	------
COLUMBUS, OHIO - - - - -	14,600	16,600	13,500	15,800	18,100	19,000	13,100	16,000	13,000	15,000	17,600	12,600	16,000
CORPUS CHRISTI, TEX. - -	14,600	16,000	------	15,600	18,500	18,700	------	------	15,100	------	16,600	------	------
DALLAS, TEX. - - - - - -	16,000	16,000	14,200	16,600	20,000	20,000	12,500	18,000	16,000	17,700	14,600	13,500	15,600
DAVENPORT-ROCK ISLAND-MOLINE, IOWA-ILL. - -	13,700	16,600	------	15,000	18,300	------	11,600	------	------	------	------	------	------
DAYTON, OHIO - - - - - -	15,800	16,500	16,600	16,000	18,500	19,000	11,700	15,500	12,600	16,400	13,800	------	------
DECATUR, ILL. - - - - -	15,600	15,500	------	------	20,000	------	------	------	------	------	------	------	------
DENVER, COLO. - - - - -	15,500	15,900	16,300	16,000	19,000	20,000	12,700	16,000	15,000	15,000	15,100	16,000	15,600
DES MOINES, IOWA - - - -	16,000	16,100	------	16,000	18,800	19,000	12,000	------	------	------	------	------	------
DETROIT, MICH. - - - - -	15,000	15,000	15,000	15,100	19,000	20,000	12,500	16,000	15,700	17,200	15,700	13,900	16,700
DUBUQUE, IOWA - - - - -	10,900	------	------	------	------	------	10,000	------	------	------	------	------	------
DULUTH-SUPERIOR, MINN.-WIS. - - - - - - - -	12,000	------	------	------	13,600	------	11,600	------	------	------	------	------	------
DURHAM, N.C. - - - - - -	15,700	15,000	13,700	16,600	21,000	22,900	14,000	18,500	------	15,000	14,500	------	16,500
EL PASO, TEX. - - - - -	13,000	14,600	------	------	17,700	------	11,900	------	------	------	------	------	------
ERIE, PA. - - - - - - -	13,200	14,200	------	16,500	17,900	------	11,200	------	------	------	------	------	------
EUGENE, OREG. - - - - -	13,100	13,000	11,700	------	13,600	------	13,500	------	------	------	------	------	------
EVANSVILLE, IND.-KY. - -	14,500	14,000	14,000	------	21,000	22,000	15,500	------	13,900	------	------	------	------
FALL RIVER, MASS.-R.I. -	12,500	------	------	------	------	------	------	------	------	------	------	------	------
FARGO-MOORHEAD, N.DAK.-MINN. - - - - - - - -	15,500	14,500	14,000	15,500	17,000	------	12,200	18,100	------	------	------	------	------
FAYETTEVILLE, N.C. - - -	10,500	------	------	------	------	------	------	------	------	------	------	------	------
FITCHBURG-LEOMINSTER, MASS. - - - - - - - -	15,000	------	------	------	------	------	------	------	------	------	------	------	------
FLINT, MICH. - - - - - -	14,000	------	------	------	------	------	12,500	------	------	------	------	------	------
FORT LAUDERDALE-HOLLYWOOD, FLA. - - -	14,100	13,600	------	13,600	17,000	------	------	------	------	------	------	------	------
FORT SMITH, ARK.-OKLA. -	------	------	------	------	------	------	------	------	------	------	------	------	------
FORT WAYNE, IND. - - - -	13,500	14,600	------	------	16,600	18,000	11,500	------	------	------	------	------	------
FORT WORTH, TEX. - - - -	14,000	14,600	------	15,000	18,000	20,000	12,500	15,000	15,000	------	15,500	------	------
FRESNO, CALIF. - - - - -	13,500	13,500	------	13,600	15,000	------	13,000	------	------	------	------	------	------
GADSDEN, ALA. - - - - -	------	------	------	------	------	------	------	------	------	------	------	------	------

TABLE A-36. MEDIAN ANNUAL SALARIES OF SCIENTISTS,
BY STANDARD METROPOLITAN STATISTICAL AREA AND PRIMARY WORK ACTIVITY, 1970--CONTINUED

LOCATION	TOTAL	PRIMARY WORK ACTIVITY											NO REPORT OF WORK ACTIVITY
		RESEARCH AND DEVELOPMENT			MANAGEMENT OR ADMINISTRATION		TEACHING		PRO-DUCTION AND INSPEC-TION	CON-SULTING	EXPLORA-TION, FORE-CASTING, REPORTING	OTHER	
		TOTAL (A)	BASIC RESEARCH	APPLIED RESEARCH	TOTAL (B)	OF R&D	ACADEMIC YEAR	CALENDAR YEAR					
STANDARD METROPOLITAN STATISTICAL AREAS - CONTINUED													
GALVESTON-TEXAS CITY, TEX.	15,000	15,600	15,400	16,000	19,000	------	------	10,000	13,100	------	------	------	------
GARY-HAMMOND-EAST CHICAGO, IND.	15,000	16,400	------	16,500	20,400	22,000	11,200	------	14,300	------	------	------	------
GRAND RAPIDS, MICH.	12,600	14,300	------	------	16,700	------	11,000	------	13,200	------	------	------	------
GREAT FALLS, MONT.	12,400	------	------	------	------	------	------	------	------	------	------	------	------
GREEN BAY, WIS.	12,000	------	------	------	------	------	11,000	------	------	------	------	------	------
GREENSBORO-WINSTON-SALEM-HIGH POINT,N.C.	16,900	15,300	15,000	16,000	20,000	21,000	12,000	16,000	------	------	------	------	------
GREENVILLE, S.C.	13,500	------	------	------	18,000	------	------	------	------	------	------	------	------
HAMILTON-MIDDLETOWN, OHIO	12,900	13,600	------	------	19,500	------	12,000	------	------	------	------	------	------
HARRISBURG, PA.	13,900	13,700	12,600	13,000	16,000	17,000	10,900	------	12,000	14,000	------	------	------
HARTFORD, CONN.	16,000	16,000	17,700	16,700	19,500	20,000	11,600	------	14,600	16,000	13,300	15,500	------
HONOLULU, HAWAII	14,600	14,200	13,900	14,600	19,800	22,000	12,600	14,200	13,900	14,600	14,900	14,600	------
HOUSTON, TEX.	16,000	15,900	14,600	16,100	20,000	23,000	13,000	19,000	14,100	17,900	15,200	14,000	17,500
HUNTINGTON-ASHLAND, W.VA.-KY.-OHIO	12,000	11,700	------	------	16,600	------	10,300	------	11,700	------	------	------	------
HUNTSVILLE, ALA.	16,900	15,700	15,900	15,800	20,300	21,000	------	------	------	------	14,200	------	------
INDIANAPOLIS, IND.	15,500	15,700	16,600	17,000	20,000	22,500	11,000	16,900	14,100	17,000	13,900	11,700	------
JACKSON, MICH.	14,000	------	------	------	------	------	------	------	------	------	------	------	------
JACKSON, MISS.	14,900	14,600	14,000	------	17,600	------	11,000	17,100	------	------	14,900	------	------
JACKSONVILLE, FLA.	12,600	------	------	------	18,000	------	10,900	------	------	------	------	------	------
JERSEY CITY, N.J.	14,000	14,000	14,900	13,800	19,500	20,000	11,700	------	12,800	------	------	------	------
JOHNSTOWN, PA.	15,500	------	------	------	------	------	------	------	------	------	------	------	------
KALAMAZOO, MICH.	16,200	17,000	16,200	17,600	22,800	23,500	12,600	------	16,700	------	------	------	------
KANSAS CITY, MO.-KANS.	16,400	16,400	15,000	16,400	18,000	18,500	11,000	15,500	12,600	16,800	14,500	------	------
KENOSHA, WIS.	11,600	------	------	------	------	------	------	------	------	------	------	------	------
KNOXVILLE, TENN.	15,900	16,300	17,000	15,600	19,500	20,200	12,300	------	16,100	16,800	14,700	16,000	16,400
LAFAYETTE, LA.	13,900	------	------	------	16,600	------	10,400	------	13,300	------	14,600	------	------
LAFAYETTE-WEST LAFAYETTE, IND.	15,000	14,300	13,600	15,300	21,000	21,000	12,000	17,000	------	------	------	------	------
LAKE CHARLES, LA.	12,700	------	------	------	15,500	------	------	------	12,100	------	------	------	------
LANCASTER, PA.	14,000	14,600	------	15,000	18,900	20,000	12,700	------	13,500	------	------	------	------
LANSING, MICH.	15,000	14,000	12,700	15,100	18,600	19,000	13,100	17,000	------	13,900	------	15,000	16,000
LAREDO, TEX.	------	------	------	------	------	------	------	------	------	------	------	------	------
LAS VEGAS, NEV.	16,600	16,000	------	16,700	17,100	------	12,500	------	------	------	------	------	------
LAWRENCE-HAVERHILL, MASS.-N.H.	12,700	------	------	------	16,000	------	------	------	------	------	------	------	------
LAWTON, OKLA.	11,300	------	------	------	------	------	------	------	------	------	------	------	------
LEWISTON-AUBURN, MAINE	12,000	------	------	------	------	------	------	------	------	------	------	------	------
LEXINGTON, KY.	16,900	16,900	16,000	19,000	20,000	20,100	12,000	16,000	------	17,500	------	------	------
LIMA, OHIO	12,000	------	------	------	------	------	------	------	------	------	------	------	------
LINCOLN, NEBR.	15,700	16,200	12,600	15,100	16,000	19,000	12,100	16,500	------	------	------	------	------
LITTLE ROCK-NORTH LITTLE ROCK, ARK.	15,000	15,400	17,900	------	16,200	------	------	------	------	------	------	------	------
LORAIN-ELYRIA, OHIO	16,000	15,000	------	------	20,000	------	12,000	------	------	------	------	------	------
LOS ANGELES-LONG BEACH, CALIF.	16,300	16,500	16,700	17,600	21,000	22,000	13,100	16,400	14,000	18,000	15,000	15,500	16,500
LOUISVILLE, KY.-IND.	16,000	16,300	16,500	15,000	18,500	18,500	11,900	15,000	12,500	16,000	------	------	------
LOWELL, MASS.	15,200	16,900	------	------	21,000	------	12,000	------	------	------	------	------	------
LUBBOCK, TEX.	16,600	16,000	------	16,300	20,000	------	13,000	17,700	------	------	------	------	------
LYNCHBURG, VA.	13,000	13,900	------	------	15,500	------	11,700	------	------	------	------	------	------
MACON, GA.	12,300	------	------	------	16,700	------	------	------	------	------	------	------	------
MADISON, WIS.	16,600	13,600	13,200	15,500	18,900	20,000	13,200	17,200	------	16,600	------	12,300	16,000
MANCHESTER, N.H.	11,900	------	------	------	------	------	------	------	------	------	------	------	------
MANSFIELD, OHIO	10,200	------	------	------	------	------	------	------	------	------	------	------	------
MAYAGUEZ, P.R.	12,300	------	------	------	------	------	------	------	------	------	------	------	------
MCALLEN-PHARR-EDINBURG, TEX.	16,000	15,000	------	------	------	------	------	------	------	------	------	------	------
MEMPHIS, TENN.-ARK.	16,000	16,200	16,200	15,100	18,900	19,900	12,200	15,000	12,000	18,400	------	------	------
MERIDEN, CONN.	------	------	------	------	------	------	------	------	------	------	------	------	------
MIAMI, FLA.	16,700	16,700	16,700	16,700	18,600	20,000	12,700	13,700	12,500	16,500	14,700	------	18,600
MIDLAND, TEX.	15,200	------	------	------	19,000	------	------	------	16,400	------	16,700	------	------
MILWAUKEE, WIS.	16,000	15,600	13,000	15,000	18,000	18,300	12,700	15,000	13,000	17,300	------	------	------
MINNEAPOLIS-ST. PAUL, MINN.	15,600	15,300	16,700	15,600	19,300	19,000	13,000	17,400	13,300	16,200	14,500	16,000	17,200
MOBILE, ALA.	12,400	------	------	------	16,900	------	11,000	------	------	------	------	------	------
MONROE, LA.	11,600	------	------	------	13,900	------	11,900	------	------	------	------	------	------
MONTGOMERY, ALA.	13,900	------	------	------	15,200	------	------	------	------	------	------	------	------
MUNCIE, IND.	13,000	------	------	------	------	------	12,300	------	------	------	------	------	------
MUSKEGON-MUSKEGON HEIGHTS, MICH.	16,500	------	------	------	------	------	------	------	------	------	------	------	------
NASHVILLE, TENN.	16,300	16,600	16,600	16,800	17,900	18,900	12,000	16,000	------	16,000	------	------	------
NEW BEDFORD, MASS.	13,200	------	------	------	------	------	------	------	------	------	------	------	------
NEW BRITAIN, CONN.	12,000	------	------	------	------	------	12,000	------	------	------	------	------	------
NEW HAVEN, CONN.	16,700	16,100	13,000	16,000	20,000	23,000	12,200	16,000	------	15,000	------	------	17,000
NEW LONDON-GROTON-NORWICH, CONN.	16,100	16,300	16,000	16,500	20,000	22,100	12,500	------	------	------	------	------	------
NEW ORLEANS, LA.	15,000	16,600	13,500	15,300	16,000	20,000	11,800	16,000	14,000	16,500	15,000	------	16,000
NEW YORK, N.Y.	17,000	16,300	15,500	16,300	22,500	25,000	13,000	14,900	15,900	18,200	16,000	16,300	18,000
NEWARK, N.J.	17,000	16,900	17,000	16,500	21,300	22,500	12,200	16,000	16,400	17,900	16,500	15,000	17,900
NEWPORT NEWS-HAMPTON, VA.	15,200	15,600	16,000	15,200	16,600	20,000	------	------	------	------	------	------	------
NORFOLK-PORTSMOUTH, VA.	12,400	13,900	------	12,400	16,000	------	11,600	------	------	------	------	------	------

TABLE A-36. MEDIAN ANNUAL SALARIES OF SCIENTISTS,
BY STANDARD METROPOLITAN STATISTICAL AREA AND PRIMARY WORK ACTIVITY, 1970--CONTINUED

LOCATION	TOTAL	PRIMARY WORK ACTIVITY											NO REPORT OF WORK ACTIVITY
		RESEARCH AND DEVELOPMENT			MANAGEMENT OR ADMINISTRATION		TEACHING		PRODUCTION AND INSPECTION	CONSULTING	EXPLORATION, FORECASTING, REPORTING	OTHER	
		TOTAL (A)	BASIC RESEARCH	APPLIED RESEARCH	TOTAL (B)	OF R&D	ACADEMIC YEAR	CALENDAR YEAR					
STANDARD METROPOLITAN STATISTICAL AREAS - CONTINUED													
NORWALK, CONN. - - - - -	17,300	15,600	------	15,600	21,900	22,000	------	------	------	------	------	------	------
ODESSA, TEX. - - - - - -	12,300	------	------	------	------	------	------	------	------	------	------	------	------
OGDEN, UTAH - - - - - -	13,700	------	------	------	16,000	18,000	10,700	------	------	------	------	------	------
OKLAHOMA CITY, OKLA. - -	14,500	14,700	13,100	15,500	18,900	19,500	12,000	16,000	13,500	14,700	15,000	------	------
OMAHA, NEBR.-IOWA - - -	14,400	15,000	16,200	14,000	17,400	------	11,000	16,000	12,000	10,300	15,000	------	------
ORLANDO, FLA. - - - - -	14,500	15,600	------	15,600	19,100	20,400	11,000	------	------	------	------	------	------
OXNARD-VENTURA, CALIF. -	15,200	18,000	20,000	15,600	18,600	------	13,000	------	12,500	------	15,000	------	------
PATERSON-CLIFTON-PASSAIC, N.J. - - - -	16,000	15,000	15,200	15,500	21,000	21,000	12,300	------	15,000	17,500	------	15,000	------
PENSACOLA, FLA. - - - -	14,600	15,400	------	15,900	19,000	19,800	11,700	------	12,800	------	------	------	------
PEORIA, ILL. - - - - - -	14,700	15,200	15,200	15,600	21,000	------	12,000	13,500	------	------	------	------	------
PHILADELPHIA, PA.-N.J. -	15,600	15,500	15,000	16,000	20,400	21,500	11,800	15,000	13,800	16,600	14,700	14,700	16,000
PHOENIX, ARIZ. - - - - -	14,000	14,200	11,700	14,100	17,400	19,100	13,000	------	12,700	15,000	14,000	------	------
PINE BLUFF, ARK. - - - -	14,400	------	------	------	------	------	------	------	------	------	------	------	------
PITTSBURGH, PA. - - - -	15,700	15,500	15,200	16,000	20,000	21,000	12,000	16,000	14,000	16,500	14,000	13,000	15,600
PITTSFIELD, MASS. - - -	15,000	------	------	------	------	------	------	------	------	------	------	------	------
PONCE, P.R. - - - - - -	------	------	------	------	------	------	------	------	------	------	------	------	------
PORTLAND, MAINE - - - -	13,000	------	------	------	19,000	------	------	------	------	------	------	------	------
PORTLAND, OREG.-WASH. -	14,100	14,700	15,000	14,500	16,200	16,900	11,700	16,000	12,300	15,000	13,000	13,500	------
PROVIDENCE-PAWTUCKET-WARWICK, R.I.-MASS. -	13,400	13,500	12,800	15,000	17,800	18,900	11,500	13,300	13,600	15,000	------	------	------
PROVO-OREM, UTAH - - - -	12,700	14,700	------	------	15,000	------	12,000	------	------	------	------	------	------
PUEBLO, COLO. - - - - -	12,600	------	------	------	------	------	------	------	------	------	------	------	------
RACINE, WIS. - - - - - -	15,000	14,400	------	------	20,300	------	------	------	------	------	------	------	------
RALEIGH, N.C. - - - - -	15,000	15,400	15,000	15,500	18,000	20,000	12,500	15,000	------	------	------	------	------
READING, PA. - - - - - -	13,000	14,600	------	16,000	19,000	------	11,000	------	------	------	------	------	------
RENO, NEV. - - - - - - -	14,300	14,200	13,700	14,500	16,100	------	12,500	------	------	------	13,300	------	------
RICHMOND, VA. - - - - -	14,700	14,500	14,300	15,000	18,300	19,500	10,800	15,000	12,300	17,500	------	------	------
ROANOKE, VA. - - - - - -	12,600	------	------	------	15,000	------	11,500	------	------	------	------	------	------
ROCHESTER, N.Y. - - - -	16,500	16,800	17,100	17,000	22,400	25,000	12,400	14,500	14,400	15,600	14,000	16,000	14,700
ROCKFORD, ILL. - - - - -	12,200	------	------	------	18,000	------	------	------	------	------	------	------	------
SACRAMENTO, CALIF. - - -	15,000	14,500	12,900	15,600	17,700	18,000	12,000	18,300	13,000	16,200	13,500	13,200	17,000
SAGINAW, MICH. - - - - -	13,300	------	------	------	------	------	------	------	------	------	------	------	------
SALEM, OREGON - - - - -	12,200	------	------	------	13,000	------	12,500	------	------	------	------	------	------
SALINAS-MONTEREY, CALIF.	15,200	15,000	------	15,500	19,300	20,800	14,800	------	------	------	------	------	------
ST. JOSEPH, MO. - - - -	10,600	------	------	------	------	------	------	------	------	------	------	------	------
ST. LOUIS, MO.-ILL. - -	15,300	15,000	15,000	15,600	20,000	20,100	12,500	16,400	13,500	16,500	13,700	14,000	16,400
SALT LAKE CITY, UTAH - -	15,000	14,000	13,200	14,200	17,800	18,000	13,000	13,500	13,500	15,400	15,000	------	15,000
SAN ANGELO, TEX. - - - -	12,000	------	------	------	------	------	------	------	------	------	------	------	------
SAN ANTONIO, TEX. - - -	14,700	14,800	14,000	15,000	19,000	21,300	10,000	14,300	------	17,000	14,500	------	------
SAN BERNARDINO-RIVERSIDE-ONTARIO, CA.	14,200	15,000	13,800	15,300	18,000	20,800	12,500	12,000	12,400	14,200	12,200	------	------
SAN DIEGO, CALIF. - - -	15,000	14,700	13,200	15,900	19,500	20,500	13,000	13,000	13,500	16,000	15,100	15,000	16,000
SAN FRANCISCO-OAKLAND, CALIF. - - - - - - - -	16,000	16,000	15,100	16,700	20,000	22,000	14,000	15,600	14,000	16,000	14,500	14,300	16,000
SAN JOSE, CALIF. - - - -	17,000	16,100	15,300	17,000	21,600	22,700	15,000	18,000	14,600	16,800	14,800	14,400	16,300
SAN JUAN, P.R. - - - - -	13,300	12,500	14,300	------	17,000	------	------	12,000	------	------	------	------	------
SANTA BARBARA, CALIF. -	15,000	15,400	12,000	18,000	18,500	23,200	13,500	------	------	16,000	13,200	------	------
SAVANNAH, GA. - - - - -	13,400	14,500	------	------	16,900	------	------	------	------	------	------	------	------
SCRANTON, PA. - - - - -	10,800	------	------	------	------	------	------	------	------	------	------	------	------
SEATTLE-EVERETT, WASH. -	14,600	14,500	13,800	15,600	18,000	20,000	12,500	16,100	12,000	15,200	13,700	13,200	15,000
SHERMAN-DENISON, TEX. -	12,000	------	------	------	------	------	------	------	------	------	------	------	------
SHREVEPORT, LA. - - - -	13,700	------	------	------	18,500	------	11,000	------	13,200	------	14,300	------	------
SIOUX CITY, IOWA-NEB. -	10,600	------	------	------	------	------	------	------	------	------	------	------	------
SIOUX FALLS, S.DAK. - -	11,600	------	------	------	------	------	------	------	------	------	------	------	------
SOUTH BEND, IND. - - - -	12,400	12,900	12,000	------	15,300	18,000	12,000	------	------	------	------	------	------
SPOKANE, WASH. - - - - -	12,000	------	------	------	16,600	------	11,300	------	------	------	------	------	------
SPRINGFIELD, ILL. - - -	14,500	------	------	------	16,800	------	------	------	------	------	------	------	------
SPRINGFIELD, MO. - - - -	11,800	------	------	------	------	------	11,300	------	------	------	------	------	------
SPRINGFIELD, OHIO - - -	12,000	------	------	------	------	------	12,000	------	------	------	------	------	------
SPRINGFIELD-CHICOPEE-HOLYOKE, MASS.-CONN. -	14,000	15,000	------	15,800	18,500	18,900	11,400	------	14,000	15,000	------	------	------
STAMFORD, CONN. - - - -	17,100	15,200	15,600	15,600	21,500	21,600	------	------	15,000	20,000	------	------	------
STEUBENVILLE-WEIRTON, OHIO-W.VA. - - - - - -	11,000	------	------	------	------	------	------	------	------	------	------	------	------
STOCKTON, CALIF. - - - -	13,100	------	------	------	16,000	------	12,000	------	------	------	------	------	------
SYRACUSE, N.Y. - - - - -	14,900	14,500	13,000	15,300	19,300	20,000	12,500	16,600	13,400	16,000	17,000	------	------
TACOMA, WASH. - - - - -	12,600	13,400	------	13,800	15,300	18,000	11,300	------	------	------	------	------	------
TALLAHASSEE, FLA. - - -	13,100	12,000	11,700	12,900	17,000	17,500	12,900	16,000	------	------	------	------	------
TAMPA-ST. PETERSBURG, FLA. - - - - - - - - -	14,400	13,500	------	14,000	18,000	21,000	11,200	15,200	------	16,000	------	------	------
TERRE HAUTE, IND. - - -	13,400	14,000	------	------	17,600	------	13,000	------	------	------	------	------	------
TEXARKANA, TEX.-ARK. - -	------	------	------	------	------	------	------	------	------	------	------	------	------
TOLEDO, OHIO-MICH. - - -	14,000	14,200	15,200	14,000	19,000	19,200	12,000	------	12,000	------	------	------	------
TOPEKA, KANS. - - - - -	13,200	15,200	------	------	15,000	------	------	------	------	18,000	------	------	------
TRENTON, N.J. - - - - -	16,400	15,800	14,600	16,700	20,900	21,100	13,000	------	15,000	16,900	13,100	12,700	15,300
TUCSON, ARIZ. - - - - -	14,300	14,400	14,000	15,100	20,000	20,000	12,500	17,000	------	------	13,800	------	------
TULSA, OKLA. - - - - - -	15,500	15,000	------	15,000	20,000	20,000	12,200	------	12,400	------	15,000	------	------
TUSCALOOSA, ALA. - - - -	13,900	13,600	13,500	------	17,000	------	13,000	------	------	------	------	------	------
TYLER, TEX. - - - - - -	13,400	------	------	------	------	------	------	------	------	------	14,700	------	------
UTICA-ROME, N.Y. - - - -	13,000	13,500	------	13,600	19,100	19,800	11,000	------	------	------	------	------	------
VALLEJO-NAPA, CALIF. - -	13,000	13,200	------	------	16,500	------	------	------	------	------	------	------	------
VINELAND-MILLVILLE-BRIDGETON, N.J. - - -	13,700	------	------	------	------	------	------	------	------	------	------	------	------
WACO, TEX. - - - - - - -	14,000	------	------	------	------	------	10,900	------	------	------	------	------	------

TABLE A-36. MEDIAN ANNUAL SALARIES OF SCIENTISTS,
BY STANDARD METROPOLITAN STATISTICAL AREA AND PRIMARY WORK ACTIVITY, 1970--CONTINUED

LOCATION	TOTAL	PRIMARY WORK ACTIVITY											NO REPORT OF WORK ACTIVITY
		RESEARCH AND DEVELOPMENT			MANAGEMENT OR ADMINISTRATION		TEACHING		PRO-DUCTION AND INSPEC-TION	CON-SULTING	EXPLORA-TION, FORE-CASTING, REPORTING	OTHER	
		TOTAL (A)	BASIC RESEARCH	APPLIED RESEARCH	TOTAL (B)	OF R&D	ACADEMIC YEAR	CALENDAR YEAR					
STANDARD METROPOLITAN STATISTICAL AREAS - CONTINUED													
WASHINGTON, D.C.-MD.-VA.	18,500	16,900	16,300	17,400	22,300	23,400	12,600	16,500	15,100	19,400	16,000	16,900	19,300
WATERBURY, CONN. - - - -	15,000	14,700	------	15,000	19,000	18,000	------	------	13,500	------	------	------	------
WATERLOO, IOWA - - - - -	12,000	------	------	------	------	------	11,400	------	------	------	------	------	------
WEST PALM BEACH, FLA. -	13,700	14,000	------	14,500	17,000	------	12,300	------	------	------	------	------	------
WHEELING, W.VA.-OHIO - -	10,100	------	------	------	------	------	8,700	------	------	------	------	------	------
WICHITA, KANS. - - - - -	13,500	13,500	------	13,200	17,000	------	11,400	------	13,200	16,500	14,400	------	------
WICHITA FALLS, TEX. - -	12,000	------	------	------	------	------	------	------	------	------	------	------	------
WILKES-BARRE-HAZLETON, PA. - - - - - - - - - -	11,300	------	------	------	------	------	11,000	------	------	------	------	------	------
WILMINGTON, DEL.-N.J.-MD. - - - - - - - - - -	18,000	17,000	16,600	17,100	23,100	23,000	13,000	------	16,500	18,000	16,400	17,300	19,400
WILMINGTON, N.C. - - - -	12,500	------	------	------	------	------	------	------	------	------	------	------	------
WORCESTER, MASS. - - - -	14,000	14,900	12,000	------	20,000	20,500	11,800	------	------	------	------	------	------
YORK, PA. - - - - - - -	12,100	------	------	------	15,000	------	11,000	------	------	------	------	------	------
YOUNGSTOWN-WARREN, OHIO	12,400	------	------	------	------	------	11,800	------	------	------	------	------	------
OTHER LOCATIONS - - - -	13,500	14,400	13,000	14,000	16,000	19,000	11,700	14,400	13,000	14,800	13,800	12,300	14,100

(A)INCLUDES DEVELOPMENT OR DESIGN.
(B)INCLUDES MANAGEMENT OR ADMINISTRATION OF OTHER THAN RESEARCH OR DEVELOPMENT.

NOTE - ALL MEDIAN SALARIES WERE COMPUTED ONLY FOR FULL-TIME EMPLOYED CIVILIAN SCIENTISTS. NO MEDIAN WAS COMPUTED FOR GROUPS WITH FEWER THAN 25 REGISTRANTS REPORTING SALARY.

SOURCE - NATIONAL REGISTER OF SCIENTIFIC AND TECHNICAL PERSONNEL, 1970.

TABLE A-37. NUMBER OF SCIENTISTS RECEIVING FEDERAL SUPPORT, BY STATE AND PROGRAM, 1970

LOCATION	TOTAL	NUMBER RECEIVING SUPPORT	GOVERNMENTAL PROGRAMS						
			AGRICULTURE	ATOMIC ENERGY	DEFENSE	EDUCATION	HEALTH	HOUSING	INTERNA-TIONAL
ALL LOCATIONS	312,644	123,707(A)	14,547	10,887	29,002	18,870	28,953	1,352	2,790
NEW ENGLAND	22,256	9,042	536	567	2,690	1,376	2,679	90	137
CONNECTICUT	5,546	1,779	110	115	532	284	538	17	29
MAINE	935	335	84	6	25	66	59	7	1
MASSACHUSETTS	12,677	5,633	173	403	1,836	802	1,763	56	97
NEW HAMPSHIRE	1,057	463	75	12	104	82	89	5	3
RHODE ISLAND	1,365	584	34	31	168	100	153	1	2
VERMONT	676	248	60	------	25	42	77	4	5
MIDDLE ATLANTIC	63,822	17,689	1,190	1,646	3,999	3,329	5,621	176	324
NEW JERSEY	14,337	2,888	158	205	1,120	495	564	17	31
NEW YORK	32,391	9,435	558	1,019	1,720	1,814	3,401	82	216
PENNSYLVANIA	17,094	5,366	474	422	1,159	1,020	1,656	77	77
EAST NORTH CENTRAL	53,046	16,308	1,786	1,691	2,610	3,633	4,618	175	273
ILLINOIS	16,020	4,883	484	756	694	1,050	1,422	46	88
INDIANA	6,641	1,937	304	158	302	679	494	11	19
MICHIGAN	10,976	3,206	349	225	401	729	991	40	73
OHIO	13,404	4,146	309	397	1,049	694	1,396	48	61
WISCONSIN	6,005	2,138	340	155	164	481	615	30	32
WEST NORTH CENTRAL	20,834	8,102	1,727	492	1,181	1,554	2,013	71	111
IOWA	3,364	1,293	309	229	97	284	339	11	20
KANSAS	2,927	1,079	233	49	131	258	288	11	22
MINNESOTA	5,516	1,998	334	90	286	401	555	15	30
MISSOURI	5,748	2,120	320	87	441	357	509	27	24
NEBRASKA	1,780	776	205	21	168	120	139	6	9
NORTH DAKOTA	746	430	167	8	33	66	61	------	2
SOUTH DAKOTA	753	406	159	8	25	69	42	1	4
SOUTH ATLANTIC	47,292	26,112	3,015	1,316	7,440	2,956	5,616	423	914
DELAWARE	2,920	280	50	20	59	44	69	4	2
DISTRICT OF COLUMBIA	8,857	7,110	998	294	2,118	647	938	196	578
FLORIDA	5,727	2,472	347	112	655	443	477	16	36
GEORGIA	3,960	1,757	374	77	260	265	523	92	23
MARYLAND	10,725	7,773	704	428	2,465	574	2,264	104	160
NORTH CAROLINA	4,912	1,992	370	120	241	300	733	24	45
SOUTH CAROLINA	1,887	714	151	173	79	125	107	5	6
VIRGINIA	6,495	3,518	277	128	1,538	384	421	34	60
WEST VIRGINIA	1,823	516	136	4	25	94	106	8	4
EAST SOUTH CENTRAL	10,776	4,864	887	916	686	693	1,069	48	66
ALABAMA	2,611	1,352	251	30	321	159	269	10	29
KENTUCKY	2,488	911	212	53	186	177	257	12	11
MISSISSIPPI	1,367	618	228	18	79	97	104	7	7
TENNESSEE	4,310	1,983	196	815	100	260	440	19	20
WEST SOUTH CENTRAL	24,217	7,205	1,251	296	1,378	1,146	1,598	54	86
ARKANSAS	1,097	486	162	16	37	89	96	6	2
LOUISIANA	4,382	1,173	316	20	80	223	313	6	14
OKLAHOMA	3,067	972	203	34	154	169	222	3	5
TEXAS	15,671	4,574	570	226	1,107	665	967	39	65
MOUNTAIN	17,782	9,738	1,690	1,405	1,757	1,149	1,176	67	128
ARIZONA	2,692	1,207	260	58	178	179	182	11	11
COLORADO	5,876	3,016	327	242	582	434	445	21	78
IDAHO	1,318	826	249	292	28	61	91	7	3
MONTANA	1,280	741	237	7	44	95	81	8	7
NEVADA	761	427	81	103	41	44	28	4	1
NEW MEXICO	2,718	1,921	189	808	607	138	133	6	8
UTAH	2,271	1,186	212	95	201	150	246	6	18
WYOMING	888	416	135	12	15	48	35	4	2
PACIFIC	68,650	22,381	2,261	2,437	6,325	3,010	6,363	241	360
ALASKA	738	472	98	18	63	49	96	8	13
CALIFORNIA	55,219	16,423	1,275	1,778	5,502	2,237	5,295	187	234
HAWAII	1,289	714	120	25	204	82	119	5	47
OREGON	5,676	1,869	414	92	91	271	350	12	18
WASHINGTON	5,728	2,863	365	698	465	305	563	29	29
OUTLYING AREAS	616	305	42	25	87	51	61	1	8
CANAL ZONE	48	40	------	1	14	3	5	------	3
GUAM	72	60	3	------	42	4	------	------	------
PUERTO RICO	473	194	37	24	27	43	56	1	5
VIRGIN ISLANDS	23	11	2	------	4	1	7	------	------
FOREIGN	6,778	2,596	182	68	649	165	150	13	453

(A)OF THIS NUMBER, 23,017 SCIENTISTS REPORTED SUPPORT FROM MORE THAN 1 FEDERAL PROGRAM, HENCE THE COLUMNS GIVING NUMBER OF SCIENTISTS BY PROGRAM DO NOT ADD TO TOTAL.

SOURCE - NATIONAL REGISTER OF SCIENTIFIC AND TECHNICAL PERSONNEL, 1970.

TABLE A-37. NUMBER OF SCIENTISTS RECEIVING FEDERAL SUPPORT, BY STATE AND PROGRAM, 1970--CONTINUED

LOCATION	GOVERNMENTAL PROGRAMS							NO SUPPORT	SUPPORT STATUS UNKNOWN	NO REPORT
	NATURAL RESOURCES	PUBLIC WORKS	RURAL DEVELOPMENT	SPACE	TRANS-PORTATION	URBAN DEVELOPMENT	OTHER			
ALL LOCATIONS	13,719	1,896	2,076	10,569	3,288	2,905	16,570	146,545	10,239	32,153
NEW ENGLAND	781	84	103	1,032	266	200	965	9,637	690	2,887
CONNECTICUT	126	12	15	158	69	43	172	2,868	197	702
MAINE	99	10	16	2	7	10	42	469	24	107
MASSACHUSETTS	367	51	42	784	171	133	572	5,037	359	1,648
NEW HAMPSHIRE	82	9	13	36	8	4	61	428	32	134
RHODE ISLAND	61	2	2	36	5	7	90	510	56	215
VERMONT	46	------	15	16	6	3	28	325	22	81
MIDDLE ATLANTIC	1,136	191	189	1,197	448	478	2,043	36,732	2,567	6,834
NEW JERSEY	188	24	14	210	86	50	308	9,431	593	1,425
NEW YORK	488	87	78	587	209	243	1,117	18,087	1,340	3,529
PENNSYLVA[illegible]	460	80	97	400	153	185	618	9,214	634	1,880
EAST NORTH CENTRAL	1,426	186	188	998	353	382	2,171	28,757	2,253	5,728
ILLINOIS	253	59	42	198	93	127	659	8,639	726	1,772
INDIANA	135	9	17	82	24	24	235	3,680	266	758
MICHIGAN	433	42	48	154	84	100	404	6,117	455	1,200
OHIO	270	52	37	474	137	95	553	7,420	537	1,301
WISCONSIN	335	24	44	90	15	36	320	2,901	269	697
WEST NORTH CENTRAL	1,038	147	211	394	177	186	1,024	9,841	752	2,139
IOWA	87	16	24	41	21	22	124	1,510	161	400
KANSAS	122	19	25	42	27	24	143	1,373	104	371
MINNESOTA	300	25	50	147	50	50	239	2,797	193	528
MISSOURI	218	64	50	138	56	68	300	2,887	207	534
NEBRASKA	94	14	19	16	10	14	110	781	52	171
NORTH DAKOTA	99	4	14	8	4	1	54	231	14	71
SOUTH DAKOTA	118	5	29	2	9	7	54	262	21	64
SOUTH ATLANTIC	2,586	442	506	2,047	931	741	4,774	15,832	1,157	4,191
DELAWARE	33	4	1	25	5	7	35	2,361	71	236
DISTRICT OF COLUMBIA	845	182	228	448	349	340	1,943	1,202	69	476
FLORIDA	284	39	26	257	43	43	339	2,312	241	702
GEORGIA	230	41	53	49	47	59	254	1,679	136	388
MARYLAND	434	77	65	842	252	147	1,263	1,991	169	792
NORTH CAROLINA	275	28	46	86	53	39	247	2,133	196	591
SOUTH CAROLINA	79	9	13	6	7	10	76	903	61	189
VIRGINIA	286	48	48	327	166	86	532	2,158	160	657
WEST VIRGINIA	140	14	26	7	9	10	85	1,093	54	160
EAST SOUTH CENTRAL	513	100	107	436	65	105	484	4,608	316	988
ALABAMA	121	17	31	301	21	33	129	974	69	216
KENTUCKY	121	19	30	14	15	24	106	1,250	85	242
MISSISSIPPI	110	21	23	20	11	8	67	592	48	109
TENNESSEE	161	43	23	101	18	40	182	1,792	114	421
WEST SOUTH CENTRAL	796	109	115	823	183	140	953	14,494	745	2,353
ARKANSAS	79	18	18	6	11	12	68	481	33	97
LOUISIANA	152	8	19	51	11	15	168	2,621	143	445
OKLAHOMA	154	18	21	46	55	22	134	2,194	127	354
TEXAS	411	65	57	720	106	91	583	9,198	442	1,457
MOUNTAIN	2,434	201	296	769	159	181	1,213	6,077	380	1,592
ARIZONA	258	25	34	152	24	26	166	1,101	92	292
COLORADO	749	70	61	383	52	62	446	2,209	130	519
IDAHO	273	19	36	12	10	8	82	397	21	76
MONTANA	313	33	58	3	14	21	119	422	20	97
NEVADA	165	9	11	20	3	10	56	240	21	58
NEW MEXICO	232	18	41	136	13	20	136	552	39	206
UTAH	271	21	37	54	28	28	145	802	36	247
WYOMING	173	6	18	9	15	6	63	354	21	97
PACIFIC	2,983	401	278	2,831	662	463	2,407	18,036	1,318	4,990
ALASKA	203	14	19	20	28	9	96	193	11	59
CALIFORNIA	1,429	270	136	2,600	490	346	1,581	13,974	986	3,836
HAWAII	87	12	10	41	14	15	123	411	39	125
OREGON	277	43	56	21	15	35	264	1,370	91	364
WASHINGTON	987	62	57	149	115	58	343	2,088	191	606
OUTLYING AREAS	22	5	5	6	5	5	54	243	12	56
CANAL ZONE	------	------	------	------	2	------	17	7	------	2
GUAM	3	1	------	2	------	------	11	9	1	2
PUERTO RICO	16	4	4	4	3	4	26	218	11	50
VIRGIN ISLANDS	3	------	1	------	------	1	------	9	------	2
FOREIGN	96	30	78	56	39	24	482	2,288	49	395

TABLE A-39. NUMBER OF SCIENTISTS RECEIVING FEDERAL SUPPORT, BY FIELD, HIGHEST DEGREE, AND PROGRAM, 1970

SCIENTIFIC AND TECHNICAL FIELD AND HIGHEST DEGREE	TOTAL	NUMBER RECEIVING SUPPORT	GOVERNMENTAL PROGRAMS						
			AGRICULTURE	ATOMIC ENERGY	DEFENSE	EDUCATION	HEALTH	HOUSING	INTERNA-TIONAL
ALL FIELDS	312,644	123,707(A)	14,547	10,887	29,002	18,870	28,953	1,359	2,790
DOCTORATE	125,234	54,089	7,258	5,918	9,602	9,063	17,185	439	1,507
PROFESSIONAL MEDICAL	7,294	4,595	98	96	235	414	3,755	9	53
MASTER'S	93,540	33,201	3,287	2,437	9,416	6,618	4,151	508	706
BACHELOR'S	83,740	30,647	3,804	2,387	9,275	2,713	3,564	390	486
LESS THAN BACHELOR'S	575	238	22	8	92	12	17	4	7
NO REPORT	2,261	937	78	41	382	50	81	9	31
CHEMISTRY	86,980	22,660	1,756	3,208	6,079	2,859	6,541	155	249
DOCTORATE	29,985	9,234	919	1,429	1,977	1,349	3,429	59	114
PROFESSIONAL MEDICAL	257	102	1	1	8	3	79	------	1
MASTER'S	19,178	4,637	345	642	1,266	708	1,009	31	50
BACHELOR'S	36,514	8,532	473	1,122	2,779	788	1,991	64	83
LESS THAN BACHELOR'S	230	32	4	1	7	4	6	------	------
NO REPORT	816	123	14	13	42	7	27	1	1
EARTH & MARINE SCIENCES	23,756	6,920	413	408	1,431	903	269	182	294
DOCTORATE	5,555	2,246	131	155	404	331	80	23	112
PROFESSIONAL MEDICAL	1	------	------	------	------	------	------	------	------
MASTER'S	8,006	2,156	100	105	438	340	94	81	73
BACHELOR'S	9,910	2,457	176	142	576	222	90	74	106
LESS THAN BACHELOR'S	76	15	1	2	4	3	1	2	1
NO REPORT	208	46	5	4	9	7	4	2	2
ATMOSPHERIC & SPACE SCIENCES	6,637	5,314	383	207	2,389	218	269	31	161
DOCTORATE	693	536	52	45	176	57	47	3	24
PROFESSIONAL MEDICAL	2	------	------	------	------	------	------	------	------
MASTER'S	1,882	1,471	93	78	697	61	88	10	43
BACHELOR'S	3,089	2,543	191	73	1,130	90	118	15	73
LESS THAN BACHELOR'S	211	168	13	3	80	3	6	2	6
NO REPORT	760	596	34	8	306	7	10	1	15
PHYSICS	36,336	20,144	99	5,073	8,964	2,190	978	58	143
DOCTORATE	16,631	9,956	47	3,235	3,941	1,049	541	27	91
PROFESSIONAL MEDICAL	6	5	------	------	4	1	1	------	------
MASTER'S	12,215	6,064	30	1,107	2,847	803	277	14	34
BACHELOR'S	7,392	4,086	22	720	2,163	333	157	17	18
LESS THAN BACHELOR'S	------	------	------	------	------	------	------	------	------
NO REPORT	92	33	------	11	9	4	2	------	------
MATHEMATICS	24,400	7,197	58	347	3,136	2,002	392	70	81
DOCTORATE	8,033	2,398	18	167	831	681	149	21	28
PROFESSIONAL MEDICAL	5	2	------	------	------	1	1	------	------
MASTER'S	11,975	3,374	23	117	1,547	1,038	161	26	35
BACHELOR'S	4,349	1,414	15	62	755	281	80	23	18
LESS THAN BACHELOR'S	------	------	------	------	------	------	------	------	------
NO REPORT	38	9	2	1	3	1	1	------	------
COMPUTER SCIENCES	11,324	4,980	69	407	2,871	448	449	57	59
DOCTORATE	1,010	497	8	50	282	90	67	7	5
PROFESSIONAL MEDICAL	1	------	------	------	------	------	------	------	------
MASTER'S	4,859	2,173	30	183	1,289	203	185	24	22
BACHELOR'S	5,434	2,305	31	174	1,296	154	196	26	32
LESS THAN BACHELOR'S	------	------	------	------	------	------	------	------	------
NO REPORT	20	5	------	------	4	1	1	------	------
AGRICULTURAL SCIENCES	15,730	10,420	5,093	93	286	415	207	129	192
DOCTORATE	2,944	2,024	1,584	49	32	117	65	10	107
PROFESSIONAL MEDICAL	4	1	1	------	------	------	------	------	------
MASTER'S	4,176	2,618	1,229	22	68	131	58	35	40
BACHELOR'S	8,520	5,724	2,259	22	184	163	83	83	43
LESS THAN BACHELOR'S	18	10	1	------	------	------	------	------	------
NO REPORT	68	43	19	------	2	4	1	1	2
BIOLOGICAL SCIENCES	47,493	25,184	5,069	987	1,442	3,322	13,852	76	357
DOCTORATE	24,334	14,287	3,477	712	690	1,355	8,325	25	241
PROFESSIONAL MEDICAL	6,985	4,469	96	94	223	406	3,862	9	51
MASTER'S	10,303	3,956	937	116	312	1,040	1,022	22	39
BACHELOR'S	5,719	2,419	553	60	214	514	609	19	25
LESS THAN BACHELOR'S	27	10	3	2	1	2	3	------	------
NO REPORT	125	45	3	3	2	5	31	1	1

TABLE A-38. NUMBER OF SCIENTISTS RECEIVING FEDERAL SUPPORT, BY FIELD, HIGHEST DEGREE, AND PROGRAM, 1970--CONTINUED

SCIENTIFIC AND TECHNICAL FIELD AND HIGHEST DEGREE	GOVERNMENTAL PROGRAMS							NO SUPPORT	SUPPORT STATUS UNKNOWN	NO REPORT
	NATURAL RESOURCES	PUBLIC WORKS	RURAL DEVELOPMENT	SPACE	TRANS-PORTATION	URBAN DEVELOPMENT	OTHER			
ALL FIELDS	13,719	1,896	2,076	10,569	3,288	2,905	16,570	146,545	10,239	32,153
DOCTORATE	4,050	363	580	4,439	954	1,122	6,699	57,698	2,677	10,770
PROFESSIONAL MEDICAL	24	4	6	77	5	18	305	1,870	128	701
MASTER'S	3,680	540	577	2,991	1,093	994	4,594	44,767	4,052	11,520
BACHELOR'S	5,849	949	894	2,971	1,162	751	4,635	40,961	3,296	8,836
LESS THAN BACHELOR'S	27	14	3	19	24	6	61	260	9	68
NO REPORT	89	26	16	72	50	14	276	989	77	258
CHEMISTRY	1,627	216	74	2,145	418	183	2,659	52,133	3,383	8,804
DOCTORATE	650	58	26	837	105	73	861	17,355	570	2,826
PROFESSIONAL MEDICAL	------	------	------	2	------	1	17	100	19	36
MASTER'S	377	38	23	432	97	45	598	11,732	792	2,017
BACHELOR'S	584	112	23	847	210	63	1,164	22,224	1,962	3,796
LESS THAN BACHELOR'S	2	2	1	7	1	------	2	160	7	31
NO REPORT	14	6	1	20	5	1	17	562	33	98
EARTH & MARINE SCIENCES	2,445	657	221	620	440	459	1,275	13,762	534	2,540
DOCTORATE	842	67	34	336	64	89	474	2,709	87	513
PROFESSIONAL MEDICAL	------	------	------	------	------	------	------	------	------	1
MASTER'S	760	170	75	147	128	173	372	4,710	179	961
BACHELOR'S	819	413	108	128	242	192	418	6,162	262	1,029
LESS THAN BACHELOR'S	6	3	------	1	3	1	------	51	2	8
NO REPORT	18	4	4	8	3	4	11	130	4	28
ATMOSPHERIC & SPACE SCIENCES	464	118	25	507	346	70	1,776	656	78	589
DOCTORATE	114	11	1	110	22	15	132	79	5	73
PROFESSIONAL MEDICAL	------	------	------	------	------	------	------	1	------	1
MASTER'S	141	26	8	184	80	20	406	179	31	201
BACHELOR'S	175	65	14	170	190	28	964	276	34	236
LESS THAN BACHELOR'S	6	5	------	11	20	3	55	25	------	18
NO REPORT	28	11	2	32	34	4	219	96	8	60
PHYSICS	438	62	18	4,391	411	106	1,823	10,584	1,019	4,589
DOCTORATE	209	27	6	2,176	195	60	946	4,958	230	1,487
PROFESSIONAL MEDICAL	------	------	------	2	------	------	------	------	1	------
MASTER'S	130	17	7	1,213	123	30	541	3,751	507	1,893
BACHELOR'S	99	18	5	992	92	16	332	1,845	270	1,191
LESS THAN BACHELOR'S	------	------	------	------	------	------	------	------	------	------
NO REPORT	------	------	------	8	1	------	4	30	11	18
MATHEMATICS	150	63	27	781	404	191	1,032	13,066	946	3,191
DOCTORATE	56	21	4	261	108	62	511	4,222	284	1,129
PROFESSIONAL MEDICAL	------	------	------	------	------	------	------	2	------	1
MASTER'S	65	24	14	352	192	87	360	6,438	563	1,600
BACHELOR'S	29	18	9	166	103	42	160	2,382	96	457
LESS THAN BACHELOR'S	------	------	------	------	------	------	------	------	------	------
NO REPORT	------	------	------	2	1	------	1	22	3	4
COMPUTER SCIENCES	148	76	26	1,077	325	161	389	5,040	329	975
DOCTORATE	15	6	3	90	31	23	49	420	17	76
PROFESSIONAL MEDICAL	------	------	------	------	------	------	------	1	------	------
MASTER'S	53	30	8	424	141	72	161	2,109	155	422
BACHELOR'S	80	40	15	562	152	66	179	2,497	155	477
LESS THAN BACHELOR'S	------	------	------	------	------	------	------	------	------	------
NO REPORT	------	------	------	1	1	------	------	13	2	------
AGRICULTURAL SCIENCES	5,358	256	844	48	111	291	1,008	4,176	214	922
DOCTORATE	507	13	59	16	14	16	85	739	31	150
PROFESSIONAL MEDICAL	------	------	------	------	------	------	------	3	------	------
MASTER'S	1,296	50	173	11	24	81	207	1,155	100	309
BACHELOR'S	3,524	190	607	21	73	192	709	2,255	83	450
LESS THAN BACHELOR'S	10	2	1	------	------	1	1	6	------	6
NO REPORT	21	1	4	------	------	1	6	18	------	7
BIOLOGICAL SCIENCES	2,287	146	182	544	91	150	2,300	16,062	1,319	4,928
DOCTORATE	1,188	39	63	336	43	53	1,253	7,563	377	2,107
PROFESSIONAL MEDICAL	24	4	6	73	5	17	287	1,751	108	657
MASTER'S	604	49	49	84	19	32	425	4,473	522	1,354
BACHELOR'S	466	52	62	51	23	47	327	2,211	304	785
LESS THAN BACHELOR'S	2	1	------	------	------	------	2	12	------	5
NO REPORT	3	1	2	------	1	1	6	52	8	20

TABLE A-98. NUMBER OF SCIENTISTS RECEIVING FEDERAL SUPPORT, BY FIELD, HIGHEST DEGREE, AND PROGRAM, 1970--CONTINUED

SCIENTIFIC AND TECHNICAL FIELD AND HIGHEST DEGREE	TOTAL	NUMBER RECEIVING SUPPORT	GOVERNMENTAL PROGRAMS						
			AGRICULTURE	ATOMIC ENERGY	DEFENSE	EDUCATION	HEALTH	HOUSING	INTERNA-TIONAL
PSYCHOLOGY	26,271	10,060	38	23	1,190	4,342	3,427	74	132
DOCTORATE	17,593	7,147	28	15	766	2,788	3,002	55	112
PROFESSIONAL MEDICAL	22	10	------	------	------	2	6	------	------
MASTER'S	8,433	2,821	10	6	405	1,522	400	19	18
BACHELOR'S	215	76	------	2	19	28	17	------	2
LESS THAN BACHELOR'S	------	------	------	------	------	------	------	------	------
NO REPORT	8	6	------	------	------	2	2	------	------
STATISTICS	2,953	1,553	91	62	429	169	524	35	31
DOCTORATE	1,157	578	47	25	156	93	234	5	12
PROFESSIONAL MEDICAL	2	2	------	1	------	------	1	------	------
MASTER'S	1,256	631	29	31	105	67	194	17	7
BACHELOR'S	532	339	15	5	84	13	95	13	11
LESS THAN BACHELOR'S	------	------	------	------	------	------	------	------	------
NO REPORT	6	3	------	------	------	1	------	------	1
ECONOMICS	13,306	4,660	1,291	47	398	606	313	264	625
DOCTORATE	7,225	2,446	799	20	153	322	155	100	343
PROFESSIONAL MEDICAL	------	------	------	------	------	------	------	------	------
MASTER'S	5,008	1,720	402	22	190	234	110	126	216
BACHELOR'S	1,002	462	89	4	44	43	46	35	61
LESS THAN BACHELOR'S	9	3	------	------	------	------	1	------	------
NO REPORT	62	20	1	1	3	7	1	3	5
SOCIOLOGY	7,650	2,297	166	3	75	677	886	121	114
DOCTORATE	3,690	1,277	118	2	35	369	536	48	86
PROFESSIONAL MEDICAL	------	------	------	------	------	------	------	------	------
MASTER'S	3,181	795	44	1	30	237	277	54	21
BACHELOR'S	750	221	4	------	10	67	72	19	7
LESS THAN BACHELOR'S	------	------	------	------	------	------	------	------	------
NO REPORT	29	4	------	------	------	4	1	------	------
POLITICAL SCIENCE	6,403	1,516	40	19	269	426	154	166	274
DOCTORATE	3,900	849	24	11	135	242	89	90	177
PROFESSIONAL MEDICAL	------	------	------	------	------	------	------	------	------
MASTER'S	2,447	654	15	7	130	183	63	69	92
BACHELOR'S	48	11	1	1	4	1	2	7	3
LESS THAN BACHELOR'S	------	------	------	------	------	------	------	------	------
NO REPORT	8	2	------	------	------	------	------	------	2
ANTHROPOLOGY	1,325	417	19	9	17	101	135	6	35
DOCTORATE	1,260	402	19	9	15	96	130	6	34
PROFESSIONAL MEDICAL	8	4	------	------	------	1	3	------	1
MASTER'S	36	8	------	------	------	3	2	------	------
BACHELOR'S	17	3	------	------	2	1	------	------	------
LESS THAN BACHELOR'S	2	------	------	------	------	------	------	------	------
NO REPORT	2	------	------	------	------	------	------	------	------
LINGUISTICS	1,902	385	2	------	70	192	66	------	43
DOCTORATE	1,134	212	1	------	29	124	52	------	21
PROFESSIONAL MEDICAL	1	------	------	------	------	------	------	------	------
MASTER'S	585	116	------	------	24	53	6	------	16
BACHELOR'S	161	53	1	------	15	15	8	------	4
LESS THAN BACHELOR'S	2	------	------	------	------	------	------	------	------
NO REPORT	19	4	------	------	2	------	------	------	2

[a] OF THIS NUMBER, 20,410 SCIENTISTS REPORTED SUPPORT FROM MORE THAN 1 FEDERAL PROGRAM, HENCE THE COLUMNS GIVING NUMBER OF SCIENTISTS BY PROGRAM DO NOT ADD TO TOTAL.

SOURCE - NATIONAL REGISTER OF SCIENTIFIC AND TECHNICAL PERSONNEL, 1970.

TABLE A-38. NUMBER OF SCIENTISTS RECEIVING FEDERAL SUPPORT, BY FIELD, HIGHEST DEGREE, AND PROGRAM, 1970--CONTINUED

SCIENTIFIC AND TECHNICAL FIELD AND HIGHEST DEGREE	GOVERNMENTAL PROGRAMS							NO SUPPORT	SUPPORT STATUS UNKNOWN	NO REPORT
	NATURAL RESOURCES	PUBLIC WORKS	RURAL DEVELOPMENT	SPACE	TRANS-PORTATION	URBAN DEVELOPMENT	OTHER			
PSYCHOLOGY	40	23	47	213	192	238	1,575	12,803	1,398	2,010
DOCTORATE	30	16	27	151	129	184	1,086	8,710	661	1,075
PROFESSIONAL MEDICAL	------	------	------	------	------	------	1	10	------	2
MASTER'S	10	7	20	56	58	53	467	4,002	715	895
BACHELOR'S	------	------	------	6	5	1	19	79	21	37
LESS THAN BACHELOR'S	------	------	------	------	------	------	------	------	------	------
NO REPORT	------	------	------	------	------	------	2	2	1	1
STATISTICS	48	8	10	83	77	38	289	981	79	340
DOCTORATE	22	1	2	28	30	11	61	409	36	134
PROFESSIONAL MEDICAL	------	------	------	------	------	------	------	------	------	------
MASTER'S	15	4	4	43	30	15	118	427	37	161
BACHELOR'S	11	3	4	12	17	12	109	143	6	44
LESS THAN BACHELOR'S	------	------	------	------	------	------	------	------	------	------
NO REPORT	------	------	------	------	------	------	1	2	------	1
ECONOMICS	594	190	383	86	332	487	1,187	7,404	322	1,000
DOCTORATE	313	67	205	44	139	233	576	4,247	138	394
PROFESSIONAL MEDICAL	------	------	------	------	------	------	------	------	------	------
MASTER'S	179	87	135	32	141	191	432	2,598	153	528
BACHELOR'S	96	32	39	9	48	59	170	521	30	69
LESS THAN BACHELOR'S	1	1	1	------	------	1	1	5	------	1
NO REPORT	5	3	3	1	4	3	8	33	1	8
SOCIOLOGY	65	25	118	14	47	282	568	3,936	308	1,117
DOCTORATE	39	10	86	11	17	156	271	2,078	80	255
PROFESSIONAL MEDICAL	------	------	------	------	------	------	------	------	------	------
MASTER'S	23	12	26	1	25	97	232	1,571	162	653
BACHELOR'S	3	3	6	2	5	29	65	274	61	202
LESS THAN BACHELOR'S	------	------	------	------	------	------	------	------	------	------
NO REPORT	------	------	------	------	------	------	------	13	5	7
POLITICAL SCIENCE	68	44	73	49	83	219	388	4,095	182	702
DOCTORATE	42	18	37	35	48	121	218	2,741	87	313
PROFESSIONAL MEDICAL	------	------	------	------	------	------	------	------	------	------
MASTER'S	25	25	35	11	34	95	165	1,317	94	382
BACHELOR'S	1	1	1	3	1	3	5	31	1	5
LESS THAN BACHELOR'S	------	------	------	------	------	------	------	------	------	------
NO REPORT	------	------	------	------	------	------	------	6	------	2
ANTHROPOLOGY	24	9	27	5	9	23	139	715	26	167
DOCTORATE	23	8	27	5	9	23	137	686	26	148
PROFESSIONAL MEDICAL	------	------	------	------	------	------	------	2	------	2
MASTER'S	1	1	------	------	------	------	2	17	------	11
BACHELOR'S	------	------	------	------	------	------	------	8	------	6
LESS THAN BACHELOR'S	------	------	------	------	------	------	------	2	------	------
NO REPORT	------	------	------	------	------	------	------	2	------	------
LINGUISTICS	3	3	1	6	2	7	82	1,136	102	270
DOCTORATE	------	1	------	3	------	3	39	786	48	90
PROFESSIONAL MEDICAL	------	------	------	------	------	------	------	------	------	1
MASTER'S	1	------	------	1	1	3	28	288	42	130
BACHELOR'S	2	2	1	2	1	1	14	51	11	44
LESS THAN BACHELOR'S	------	------	------	------	------	------	------	1	------	1
NO REPORT	------	------	------	------	------	------	1	10	1	4

TABLE A-39. NUMBER OF SCIENTISTS RECEIVING FEDERAL SUPPORT, BY FIELD, TYPE OF EMPLOYER, AND PROGRAM, 1970

SCIENTIFIC AND TECHNICAL FIELD AND TYPE OF EMPLOYER	TOTAL	NUMBER RECEIVING SUPPORT	GOVERNMENTAL PROGRAMS						
			AGRICULTURE	ATOMIC ENERGY	DEFENSE	EDUCATION	HEALTH	HOUSING	INTERNA-TIONAL
ALL FIELDS - - - - - - - - -	312,644	127,707(A)	14,547	10,987	29,002	18,870	28,953	1,359	2,790
EDUCATIONAL INSTITUTIONS - - - -	130,389	56,220	6,803	5,906	5,296	15,339	17,536	242	988
FEDERAL GOVERNMENT - - - - - - -	31,118	31,118	6,104	1,107	7,364	919	3,729	436	917
OTHER GOVERNMENT - - - - - - - -	11,741	6,225	799	233	213	643	1,723	183	171
NONPROFIT ORGANIZATIONS - - - -	10,911	5,858	200	568	1,451	781	2,813	115	238
INDUSTRY AND BUSINESS - - - - -	97,542	18,675	381	2,609	9,817	551	1,613	311	276
SELF-EMPLOYED - - - - - - - - -	6,314	959	106	41	150	199	315	35	47
MILITARY - - - - - - - - - - -	7,285	7,285	34	199	4,503	179	865	13	101
OTHER - - - - - - - - - - - -	2,116	885	46	285	141	161	177	13	39
NOT EMPLOYED - - - - - - - - -	12,908	------	------	------	------	------	------	------	------
NO REPORT - - - - - - - - - -	2,320	482	74	41	67	98	182	11	13
CHEMISTRY - - - - - - - - - -	86,980	22,660	1,756	3,208	6,079	2,859	6,541	155	249
EDUCATIONAL INSTITUTIONS - - - -	19,844	8,846	649	1,077	815	2,534	3,725	23	57
FEDERAL GOVERNMENT - - - - - - -	5,029	5,029	801	406	1,596	78	936	39	81
OTHER GOVERNMENT - - - - - - - -	1,493	848	56	155	71	38	342	9	13
NONPROFIT ORGANIZATIONS - - - -	2,151	1,146	79	235	261	54	572	16	29
INDUSTRY AND BUSINESS - - - - -	50,890	4,726	137	1,022	2,439	61	637	63	50
SELF-EMPLOYED - - - - - - - - -	1,012	105	16	8	24	8	30	3	5
MILITARY - - - - - - - - - - -	1,399	1,399	8	62	780	39	173	------	12
OTHER - - - - - - - - - - - -	879	423	8	221	66	26	71	2	5
NOT EMPLOYED - - - - - - - - -	3,541	------	------	------	------	------	------	------	------
NO REPORT - - - - - - - - - -	742	138	6	27	27	21	55	1	------
EARTH & MARINE SCIENCES - - -	23,756	6,920	413	408	1,431	903	269	182	294
EDUCATIONAL INSTITUTIONS - - - -	6,535	2,173	105	118	328	733	73	11	64
FEDERAL GOVERNMENT - - - - - - -	3,046	3,046	239	163	619	62	72	46	125
OTHER GOVERNMENT - - - - - - - -	1,149	539	26	3	15	23	55	50	20
NONPROFIT ORGANIZATIONS - - - -	240	130	5	17	54	25	18	10	11
INDUSTRY AND BUSINESS - - - - -	9,973	611	24	88	211	24	30	55	48
SELF-EMPLOYED - - - - - - - - -	1,404	91	11	7	16	17	11	9	10
MILITARY - - - - - - - - - - -	289	289	------	7	181	7	7	1	10
OTHER - - - - - - - - - - - -	119	30	3	3	6	9	3	------	5
NOT EMPLOYED - - - - - - - - -	869	------	------	------	------	------	------	------	------
NO REPORT - - - - - - - - - -	123	11	------	2	1	3	------	------	1
ATMOSPHERIC & SPACE SCIENCES	6,637	5,314	303	207	2,389	218	269	31	161
EDUCATIONAL INSTITUTIONS - - - -	1,017	651	52	44	153	105	45	2	21
FEDERAL GOVERNMENT - - - - - - -	2,053	2,053	222	85	468	63	149	23	89
OTHER GOVERNMENT - - - - - - - -	118	80	6	4	10	4	21	2	3
NONPROFIT ORGANIZATIONS - - - -	96	70	9	19	34	6	16	2	6
INDUSTRY AND BUSINESS - - - - -	768	298	11	26	141	6	32	1	4
SELF-EMPLOYED - - - - - - - - -	45	13	------	------	3	1	2	------	1
MILITARY - - - - - - - - - - -	2,131	2,131	2	28	1,570	31	7	1	38
OTHER - - - - - - - - - - - -	16	4	------	1	2	1	------	------	------
NOT EMPLOYED - - - - - - - - -	341	------	------	------	------	------	------	------	------
NO REPORT - - - - - - - - - -	52	5	1	------	2	1	1	------	------
PHYSICS - - - - - - - - - - -	36,336	20,144	99	5,073	8,964	2,190	978	58	143
EDUCATIONAL INSTITUTIONS - - - -	18,085	9,582	36	3,562	2,250	2,011	534	7	39
FEDERAL GOVERNMENT - - - - - - -	3,912	3,912	30	220	2,261	98	118	18	55
OTHER GOVERNMENT - - - - - - - -	101	93	------	7	4	7	12	------	9
NONPROFIT ORGANIZATIONS - - - -	902	667	11	141	303	32	103	6	9
INDUSTRY AND BUSINESS - - - - -	9,019	5,054	22	1,047	3,480	53	171	25	21
SELF-EMPLOYED - - - - - - - - -	205	85	------	15	41	7	7	1	4
MILITARY - - - - - - - - - - -	763	763	------	86	918	12	31	1	6
OTHER - - - - - - - - - - - -	60	33	------	5	1	6	------	------	------
NOT EMPLOYED - - - - - - - - -	2,116	------	------	------	------	------	------	------	------
NO REPORT - - - - - - - - - -	293	17	------	2	8	4	2	------	------
MATHEMATICS - - - - - - - - -	24,400	7,197	58	349	3,136	2,086	392	70	81
EDUCATIONAL INSTITUTIONS - - - -	14,020	3,183	20	141	517	1,758	162	11	20
FEDERAL GOVERNMENT - - - - - - -	1,263	1,263	14	33	730	45	53	14	15
OTHER GOVERNMENT - - - - - - - -	249	136	2	9	28	64	19	9	3
NONPROFIT ORGANIZATIONS - - - -	408	333	1	15	230	91	40	8	12
INDUSTRY AND BUSINESS - - - - -	6,384	1,626	19	119	1,186	77	84	24	25
SELF-EMPLOYED - - - - - - - - -	192	36	1	3	14	8	7	3	1
MILITARY - - - - - - - - - - -	576	576	1	16	408	26	26	------	2
OTHER - - - - - - - - - - - -	137	56	------	13	17	14	2	------	3
NOT EMPLOYED - - - - - - - - -	1,061	------	------	------	------	------	------	------	------
NO REPORT - - - - - - - - - -	92	12	------	------	6	3	1	1	------

TABLE A-39. NUMBER OF SCIENTISTS RECEIVING FEDERAL SUPPORT, BY FIELD, TYPE OF EMPLOYER, AND PROGRAM, 1970--CONTINUED

SCIENTIFIC AND TECHNICAL FIELD AND TYPE OF EMPLOYER	GOVERNMENTAL PROGRAMS							NO SUPPORT	SUPPORT STATUS UNKNOWN	NO REPORT
	NATURAL RESOURCES	PUBLIC WORKS	RURAL DEVELOPMENT	SPACE	TRANS-PORTATION	URBAN DEVELOPMENT	OTHER			
ALL FIELDS	13,719	1,896	2,076	10,569	3,288	2,905	16,570	146,545	10,239	32,153
EDUCATIONAL INSTITUTIONS	3,310	213	509	3,100	526	884	5,625	59,232	6,377	10,560
FEDERAL GOVERNMENT	6,874	877	1,018	2,205	817	679	6,739	------	------	------
OTHER GOVERNMENT	1,937	290	272	79	372	389	870	4,111	615	790
NONPROFIT ORGANIZATIONS	341	64	70	468	267	254	553	3,921	421	711
INDUSTRY AND BUSINESS	1,000	353	132	4,294	1,112	584	725	73,089	2,550	5,228
SELF-EMPLOYED	86	44	29	74	54	58	130	4,729	150	477
MILITARY	68	32	18	268	103	16	1,768	------	------	------
OTHER	61	15	19	55	25	28	118	1,000	69	162
NOT EMPLOYED	------	------	------	------	------	------	------	------	------	12,908
NO REPORT	42	8	9	26	12	13	42	464	57	1,317
CHEMISTRY	1,627	216	74	2,145	418	183	2,659	52,133	3,383	8,804
EDUCATIONAL INSTITUTIONS	436	25	14	435	38	32	800	7,862	1,380	1,756
FEDERAL GOVERNMENT	578	41	25	311	72	31	890	------	------	------
OTHER GOVERNMENT	89	48	5	25	46	15	125	448	109	88
NONPROFIT ORGANIZATIONS	104	10	9	132	29	29	90	759	118	128
INDUSTRY AND BUSINESS	372	71	15	1,145	209	65	289	41,787	1,703	2,674
SELF-EMPLOYED	13	4	3	10	------	2	10	791	25	101
MILITARY	16	10	1	46	18	2	402	------	------	------
OTHER	13	7	1	30	6	6	42	354	30	77
NOT EMPLOYED	------	------	------	------	------	------	------	------	------	3,541
NO REPORT	4	------	1	11	------	1	11	142	18	444
EARTH & MARINE SCIENCES	2,445	657	221	620	440	459	1,275	13,762	534	2,540
EDUCATIONAL INSTITUTIONS	578	39	26	248	45	71	423	3,384	304	674
FEDERAL GOVERNMENT	1,446	329	107	220	85	153	638	------	------	------
OTHER GOVERNMENT	168	124	48	6	188	115	49	480	39	91
NONPROFIT ORGANIZATIONS	39	9	6	19	12	14	23	77	5	37
INDUSTRY AND BUSINESS	168	120	25	100	86	90	48	8,561	161	640
SELF-EMPLOYED	25	24	6	7	10	13	6	1,155	20	134
MILITARY	8	10	1	14	11	1	83	------	------	------
OTHER	11	1	1	4	3	2	4	76	6	9
NOT EMPLOYED	------	------	------	------	------	------	------	------	------	869
NO REPORT	2	1	1	2	------	------	1	29	1	82
ATMOSPHERIC & SPACE SCIENCES	484	118	25	507	346	70	1,776	656	78	589
EDUCATIONAL INSTITUTIONS	138	8	1	121	14	10	154	181	51	136
FEDERAL GOVERNMENT	217	88	23	182	244	37	1,042	------	------	------
OTHER GOVERNMENT	18	7	1	3	6	8	15	28	3	7
NONPROFIT ORGANIZATIONS	17	5	------	12	10	3	10	10	1	6
INDUSTRY AND BUSINESS	56	10	------	95	32	10	34	403	20	47
SELF-EMPLOYED	4	------	------	------	1	1	2	23	1	8
MILITARY	12	------	------	94	39	1	518	------	------	------
OTHER	------	------	------	------	------	------	------	8	1	3
NOT EMPLOYED	------	------	------	------	------	------	------	------	------	341
NO REPORT	2	------	------	------	------	------	1	3	1	43
PHYSICS	438	62	18	4,391	411	106	1,823	10,586	1,019	4,589
EDUCATIONAL INSTITUTIONS	137	11	3	1,556	76	28	998	5,089	784	1,026
FEDERAL GOVERNMENT	97	19	6	1,029	79	17	558	------	------	------
OTHER GOVERNMENT	3	1	------	5	3	3	7	36	5	7
NONPROFIT ORGANIZATIONS	43	4	1	163	33	12	27	176	13	46
INDUSTRY AND BUSINESS	148	26	5	1,557	288	45	65	4,268	197	302
SELF-EMPLOYED	4	2	------	30	9	3	3	185	15	23
MILITARY	5	1	3	48	11	------	164	------	------	------
OTHER	1	------	------	1	------	------	------	45	1	3
NOT EMPLOYED	------	------	------	------	------	------	------	------	------	2,116
NO REPORT	------	------	------	2	------	------	1	7	------	289
MATHEMATICS	150	63	27	781	404	191	1,032	13,066	946	3,191
EDUCATIONAL INSTITUTIONS	42	9	4	188	81	67	557	8,445	829	1,563
FEDERAL GOVERNMENT	38	12	8	148	49	14	265	------	------	------
OTHER GOVERNMENT	3	7	4	4	22	13	20	88	10	17
NONPROFIT ORGANIZATIONS	14	1	2	31	48	23	26	106	8	41
INDUSTRY AND BUSINESS	48	31	8	306	181	88	56	4,213	85	443
SELF-EMPLOYED	2	3	1	9	8	3	5	139	4	13
MILITARY	2	------	------	13	8	1	116	------	------	------
OTHER	1	------	------	6	6	------	7	63	6	12
NOT EMPLOYED	------	------	------	------	------	------	------	------	------	1,041
NO REPORT	------	------	------	3	3	2	------	12	4	84

TABLE A-39. NUMBER OF SCIENTISTS RECEIVING FEDERAL SUPPORT, BY FIELD, TYPE OF EMPLOYER, AND PROGRAM, 1970--CONTINUED

SCIENTIFIC AND TECHNICAL FIELD AND TYPE OF EMPLOYER	TOTAL	NUMBER RECEIVING SUPPORT	GOVERNMENTAL PROGRAMS						
			AGRICULTURE	ATOMIC ENERGY	DEFENSE	EDUCATION	HEALTH	HOUSING	INTERNA-TIONAL
COMPUTER SCIENCES	11,324	4,980	69	407	2,871	448	449	57	59
EDUCATIONAL INSTITUTIONS	1,603	854	24	158	257	266	163	8	7
FEDERAL GOVERNMENT	882	882	18	30	471	17	55	4	10
OTHER GOVERNMENT	160	85	1	9	9	9	21	3	2
NONPROFIT ORGANIZATIONS	401	312	1	19	190	28	60	6	10
INDUSTRY AND BUSINESS	7,462	2,498	23	177	1,698	109	127	33	28
SELF-EMPLOYED	134	32	2	1	12	11	10	3	1
MILITARY	283	283	------	2	222	7	11	------	------
OTHER	63	32	------	11	11	2	2	------	1
NOT EMPLOYED	326	------	------	------	------	------	------	------	------
NO REPORT	10	2	------	------	1	------	------	------	------
AGRICULTURAL SCIENCES	15,730	10,420	5,093	93	286	415	207	129	192
EDUCATIONAL INSTITUTIONS	3,563	2,347	1,899	47	29	256	88	15	82
FEDERAL GOVERNMENT	5,725	5,725	2,543	31	121	103	82	85	70
OTHER GOVERNMENT	2,633	1,878	504	7	17	38	24	11	7
NONPROFIT ORGANIZATIONS	212	39	15	5	2	3	4	------	8
INDUSTRY AND BUSINESS	2,581	104	51	2	3	2	2	11	11
SELF-EMPLOYED	354	59	40	------	2	2	1	2	4
MILITARY	199	199	7	------	107	2	4	3	1
OTHER	75	33	10	1	2	7	1	------	7
NOT EMPLOYED	311	------	------	------	------	------	------	------	------
NO REPORT	77	36	24	------	3	2	1	2	2
BIOLOGICAL SCIENCES	47,493	25,184	5,069	987	1,442	3,322	13,852	76	357
EDUCATIONAL INSTITUTIONS	28,778	15,595	3,023	626	393	2,881	9,474	15	171
FEDERAL GOVERNMENT	4,912	4,912	1,649	102	469	156	1,423	22	85
OTHER GOVERNMENT	1,917	1,081	168	35	28	66	583	14	19
NONPROFIT ORGANIZATIONS	2,956	1,527	65	91	61	106	1,284	4	38
INDUSTRY AND BUSINESS	4,836	545	64	79	88	23	313	11	11
SELF-EMPLOYED	891	162	30	5	6	17	109	2	2
MILITARY	1,075	1,075	16	17	381	23	532	5	22
OTHER	337	145	18	25	10	26	55	------	7
NOT EMPLOYED	1,425	------	------	------	------	------	------	------	------
NO REPORT	366	142	36	7	6	24	79	3	2
PSYCHOLOGY	26,271	10,060	38	23	1,150	4,342	3,929	74	132
EDUCATIONAL INSTITUTIONS	14,865	5,399	24	6	229	3,196	2,049	31	60
FEDERAL GOVERNMENT	1,549	1,549	2	2	324	157	528	6	21
OTHER GOVERNMENT	2,550	901	1	1	11	314	490	1	4
NONPROFIT ORGANIZATIONS	2,072	1,000	1	6	120	343	533	12	25
INDUSTRY AND BUSINESS	1,943	567	8	6	285	128	131	18	15
SELF-EMPLOYED	1,637	282	2	1	18	115	122	4	3
MILITARY	246	246	------	1	157	22	32	------	2
OTHER	166	64	------	------	1	37	25	2	1
NOT EMPLOYED	1,059	------	------	------	------	------	------	------	------
NO REPORT	184	52	------	------	5	30	19	------	1
STATISTICS	2,953	1,553	91	62	425	169	533	35	31
EDUCATIONAL INSTITUTIONS	1,075	492	40	7	90	103	236	5	6
FEDERAL GOVERNMENT	599	599	40	5	132	27	163	24	14
OTHER GOVERNMENT	139	78	4	1	1	6	39	2	4
NONPROFIT ORGANIZATIONS	125	80	1	16	20	18	41	1	5
INDUSTRY AND BUSINESS	773	235	4	31	159	10	23	3	------
SELF-EMPLOYED	34	9	2	------	5	2	3	------	------
MILITARY	47	47	------	------	15	1	24	------	------
OTHER	12	7	------	3	1	------	1	------	2
NOT EMPLOYED	127	------	------	------	------	------	------	------	------
NO REPORT	22	6	------	1	2	2	3	------	------
ECONOMICS	13,386	4,660	1,251	47	398	606	313	264	625
EDUCATIONAL INSTITUTIONS	7,845	2,146	755	11	73	419	145	71	209
FEDERAL GOVERNMENT	1,513	1,513	435	16	92	73	56	65	246
OTHER GOVERNMENT	684	276	25	1	3	32	22	38	71
NONPROFIT ORGANIZATIONS	530	228	11	4	61	36	43	27	29
INDUSTRY AND BUSINESS	1,822	299	15	12	83	34	35	51	91
SELF-EMPLOYED	214	55	4	1	7	5	5	8	15
MILITARY	124	124	------	1	78	4	5	1	1
OTHER	47	7	2	1	------	3	2	1	1
NOT EMPLOYED	543	------	------	------	------	------	------	------	------
NO REPORT	84	12	4	------	1	------	------	2	3

TABLE A-39. NUMBER OF SCIENTISTS RECEIVING FEDERAL SUPPORT, BY FIELD, TYPE OF EMPLOYER, AND PROGRAM, 1970--CONTINUED

SCIENTIFIC AND TECHNICAL FIELD AND TYPE OF EMPLOYER	GOVERNMENTAL PROGRAMS							NO SUPPORT	SUPPORT STATUS UNKNOWN	NO REPORT
	NATURAL RESOURCES	PUBLIC WORKS	RURAL DEVELOPMENT	SPACE	TRANS-PORTATION	URBAN DEVELOPMENT	OTHER			
COMPUTER SCIENCES	148	76	26	1,077	325	161	389	5,040	329	975
EDUCATIONAL INSTITUTIONS	32	7	6	115	23	27	82	498	117	134
FEDERAL GOVERNMENT	32	7	2	127	29	5	161	------	------	------
OTHER GOVERNMENT	7	12	4	11	16	12	10	45	10	20
NONPROFIT ORGANIZATIONS	9	3	------	52	37	27	25	51	6	32
INDUSTRY AND BUSINESS	66	46	14	751	214	88	66	4,334	190	440
SELF-EMPLOYED	1	1	------	6	5	1	4	86	4	12
MILITARY	1	------	------	9	1	1	37	------	------	------
OTHER	------	------	------	6	------	------	3	24	2	5
NOT EMPLOYED	------	------	------	------	------	------	------	------	------	326
NO REPORT	------	------	------	------	------	------	1	2	------	6
AGRICULTURAL SCIENCES	5,358	256	844	48	111	291	1,088	4,174	214	922
EDUCATIONAL INSTITUTIONS	482	10	88	13	19	18	78	891	136	189
FEDERAL GOVERNMENT	3,403	207	592	22	66	209	714	------	------	------
OTHER GOVERNMENT	1,371	29	136	6	17	50	190	526	48	181
NONPROFIT ORGANIZATIONS	9	------	1	------	2	1	5	161	1	11
INDUSTRY AND BUSINESS	38	4	9	4	3	6	14	2,277	25	175
SELF-EMPLOYED	18	1	6	------	2	4	4	264	3	28
MILITARY	9	2	3	3	1	------	79	------	------	------
OTHER	12	1	7	------	1	1	2	36	1	5
NOT EMPLOYED	------	------	------	------	------	------	------	------	------	311
NO REPORT	16	2	2	------	------	2	2	19	------	22
BIOLOGICAL SCIENCES	2,287	146	182	544	91	150	2,300	16,062	1,319	4,928
EDUCATIONAL INSTITUTIONS	1,070	34	55	248	25	55	936	9,658	1,026	2,499
FEDERAL GOVERNMENT	818	63	81	106	34	50	899	------	------	------
OTHER GOVERNMENT	238	20	20	15	12	18	82	590	83	163
NONPROFIT ORGANIZATIONS	67	5	3	35	2	5	71	1,077	95	257
INDUSTRY AND BUSINESS	42	10	4	92	7	10	34	3,851	85	355
SELF-EMPLOYED	11	3	4	4	1	2	16	636	12	81
MILITARY	11	8	7	32	7	6	229	------	------	------
OTHER	16	1	3	7	1	1	23	158	8	26
NOT EMPLOYED	------	------	------	------	------	------	------	------	------	1,425
NO REPORT	14	2	5	5	2	3	10	92	10	122
PSYCHOLOGY	40	23	47	213	192	238	1,575	12,803	1,398	2,010
EDUCATIONAL INSTITUTIONS	23	6	15	78	52	114	503	8,035	854	577
FEDERAL GOVERNMENT	3	4	6	32	32	12	564	------	------	------
OTHER GOVERNMENT	------	1	7	2	1	18	179	1,274	279	96
NONPROFIT ORGANIZATIONS	2	4	7	9	36	34	150	833	139	100
INDUSTRY AND BUSINESS	9	6	7	79	57	42	57	1,263	54	59
SELF-EMPLOYED	------	2	3	5	8	12	58	1,244	58	53
MILITARY	1	------	1	6	2	1	52	------	------	------
OTHER	1	------	1	------	2	5	7	85	9	8
NOT EMPLOYED	------	------	------	------	------	------	------	------	------	1,059
NO REPORT	1	------	------	2	2	------	5	69	5	58
STATISTICS	48	8	10	83	77	38	289	981	79	340
EDUCATIONAL INSTITUTIONS	21	1	2	16	15	7	50	404	54	125
FEDERAL GOVERNMENT	20	3	4	11	27	15	196	------	------	------
OTHER GOVERNMENT	2	3	2	------	6	3	23	45	3	13
NONPROFIT ORGANIZATIONS	1	1	1	3	9	3	3	36	3	6
INDUSTRY AND BUSINESS	4	------	1	50	18	9	8	471	18	49
SELF-EMPLOYED	------	------	------	2	1	1	1	21	1	3
MILITARY	------	------	------	1	------	------	8	------	------	------
OTHER	------	------	------	------	------	------	------	4	------	1
NOT EMPLOYED	------	------	------	------	------	------	------	------	------	127
NO REPORT	------	------	------	------	1	------	------	------	------	16
ECONOMICS	554	190	383	86	332	487	1,187	7,404	322	1,000
EDUCATIONAL INSTITUTIONS	253	34	161	39	81	164	415	5,122	291	206
FEDERAL GOVERNMENT	194	82	126	13	75	84	557	------	------	------
OTHER GOVERNMENT	29	21	27	1	34	63	86	332	8	68
NONPROFIT ORGANIZATIONS	26	17	24	6	33	58	45	281	8	13
INDUSTRY AND BUSINESS	38	30	38	25	95	102	38	1,475	9	39
SELF-EMPLOYED	7	3	4	1	8	12	10	143	4	12
MILITARY	2	------	1	1	3	------	32	------	------	------
OTHER	3	1	2	------	1	2	3	38	1	1
NOT EMPLOYED	------	------	------	------	------	------	------	------	------	563
NO REPORT	2	2	------	------	2	2	1	13	1	38

TABLE A-39. NUMBER OF SCIENTISTS RECEIVING FEDERAL SUPPORT, BY FIELD, TYPE OF EMPLOYER, AND PROGRAM, 1970--CONTINUED

SCIENTIFIC AND TECHNICAL FIELD AND TYPE OF EMPLOYER	TOTAL	NUMBER RECEIVING SUPPORT	GOVERNMENTAL PROGRAMS						
			AGRICULTURE	ATOMIC ENERGY	DEFENSE	EDUCATION	HEALTH	HOUSING	INTERNA-TIONAL
SOCIOLOGY	7,658	2,297	166	3	75	677	886	121	114
EDUCATIONAL INSTITUTIONS	5,674	1,582	142	3	30	530	625	56	72
FEDERAL GOVERNMENT	224	224	14	------	9	30	62	19	16
OTHER GOVERNMENT	300	169	------	------	1	29	72	24	5
NONPROFIT ORGANIZATIONS	346	158	2	------	7	50	69	10	15
INDUSTRY AND BUSINESS	129	40	1	------	10	11	13	8	3
SELF-EMPLOYED	57	14	------	------	------	4	6	------	------
MILITARY	49	49	------	------	16	3	13	1	------
OTHER	56	27	2	------	------	14	9	7	2
NOT EMPLOYED	612	------	------	------	------	------	------	------	------
NO REPORT	211	34	5	------	2	6	17	1	1
POLITICAL SCIENCE	6,493	1,516	40	19	269	426	154	101	274
EDUCATIONAL INSTITUTIONS	4,998	796	18	7	90	312	71	35	129
FEDERAL GOVERNMENT	349	349	10	6	55	39	25	21	61
OTHER GOVERNMENT	227	92	6	1	6	29	19	20	14
NONPROFIT ORGANIZATIONS	219	98	3	2	28	21	21	10	47
INDUSTRY AND BUSINESS	117	48	2	------	21	7	10	8	8
SELF-EMPLOYED	29	10	------	------	2	3	------	------	------
MILITARY	93	93	------	1	61	4	2	------	7
OTHER	53	18	1	1	3	9	3	6	1
NOT EMPLOYED	343	------	------	------	------	------	------	------	------
NO REPORT	65	14	------	1	3	2	3	1	3
ANTHROPOLOGY	1,325	417	19	3	17	101	135	6	95
EDUCATIONAL INSTITUTIONS	1,070	320	15	2	6	87	110	2	90
FEDERAL GOVERNMENT	29	29	2	------	4	------	6	1	------
OTHER GOVERNMENT	14	7	------	------	------	2	4	------	------
NONPROFIT ORGANIZATIONS	37	17	------	------	1	3	6	3	2
INDUSTRY AND BUSINESS	11	8	------	------	4	2	4	------	1
SELF-EMPLOYED	16	4	------	------	------	1	2	------	------
MILITARY	2	2	------	------	2	------	------	------	------
OTHER	72	21	2	------	------	6	2	------	2
NOT EMPLOYED	67	------	------	------	------	------	------	------	------
NO REPORT	7	1	------	1	------	------	1	------	------
LINGUISTICS	1,902	385	2	------	70	192	46	------	43
EDUCATIONAL INSTITUTIONS	1,417	240	1	------	28	148	38	------	23
FEDERAL GOVERNMENT	53	53	1	------	15	11	5	------	10
OTHER GOVERNMENT	7	4	------	------	1	2	------	------	------
NONPROFIT ORGANIZATIONS	127	44	------	------	9	25	1	------	7
INDUSTRY AND BUSINESS	54	16	------	------	9	5	1	------	------
SELF-EMPLOYED	10	2	------	------	------	------	------	------	1
MILITARY	11	11	------	------	7	------	------	------	------
OTHER	24	7	------	------	1	1	1	------	2
NOT EMPLOYED	187	------	------	------	------	------	------	------	------
NO REPORT	12	------	------	------	------	------	------	------	------

[a] OF THIS NUMBER, 20,010 SCIENTISTS REPORTED SUPPORT FROM MORE THAN 1 FEDERAL PROGRAM, HENCE THE COLUMNS GIVING NUMBER OF SCIENTISTS BY PROGRAM DO NOT ADD TO TOTAL.

SOURCE - NATIONAL REGISTER OF SCIENTIFIC AND TECHNICAL PERSONNEL, 1970.

TABLE A-99. NUMBER OF SCIENTISTS RECEIVING FEDERAL SUPPORT, BY FIELD, TYPE OF EMPLOYER, AND PROGRAM, 1973--CONTINUED

SCIENTIFIC AND TECHNICAL FIELD AND TYPE OF EMPLOYER	GOVERNMENTAL PROGRAMS							NO SUPPORT	SUPPORT STATUS UNKNOWN	NO REPORT
	NATURAL RESOURCES	PUBLIC WORKS	RURAL DEVELOPMENT	SPACE	TRANS-PORTATION	URBAN DEVELOPMENT	OTHER			
SOCIOLOGY - - - - - - - - - -	65	25	118	14	47	282	568	3,936	308	1,117
EDUCATIONAL INSTITUTIONS - - - -	45	10	86	10	24	180	312	3,483	263	346
FEDERAL GOVERNMENT - - - - - - -	9	6	17	1	6	22	104	------	------	------
OTHER GOVERNMENT - - - - - - - -	5	6	5	------	9	36	57	101	15	15
NONPROFIT ORGANIZATIONS - - - -	2	------	7	------	2	23	45	160	13	15
INDUSTRY AND BUSINESS - - - - -	1	1	2	3	4	14	10	84	1	4
SELF-EMPLOYED - - - - - - - - -	1	------	------	------	------	1	7	35	------	8
MILITARY - - - - - - - - - - - -	1	1	------	------	1	1	20	------	------	------
OTHER - - - - - - - - - - - - -	------	------	1	------	------	4	8	23	2	4
NOT EMPLOYED - - - - - - - - - -	------	------	------	------	------	------	------	------	------	612
NO REPORT - - - - - - - - - - -	1	1	------	------	1	1	5	50	14	113
POLITICAL SCIENCE - - - - - -	68	44	73	49	83	219	388	4,093	182	702
EDUCATIONAL INSTITUTIONS - - - -	33	12	26	28	28	112	166	3,744	166	294
FEDERAL GOVERNMENT - - - - - - -	14	12	18	8	16	29	141	------	------	------
OTHER GOVERNMENT - - - - - - - -	8	11	13	1	12	34	24	110	2	23
NONPROFIT ORGANIZATIONS - - - -	7	4	8	5	14	19	18	106	7	8
INDUSTRY AND BUSINESS - - - - -	6	------	3	5	5	13	4	66	1	2
SELF-EMPLOYED - - - - - - - - -	------	1	2	------	1	3	1	18	1	------
MILITARY - - - - - - - - - - - -	------	------	1	1	1	2	24	------	------	------
OTHER - - - - - - - - - - - - -	2	4	2	1	5	5	6	28	2	5
NOT EMPLOYED - - - - - - - - - -	------	------	------	------	------	------	------	------	------	343
NO REPORT - - - - - - - - - - -	------	------	------	------	1	2	4	21	3	27
ANTHROPOLOGY - - - - - - - -	24	9	27	5	9	23	139	715	26	167
EDUCATIONAL INSTITUTIONS - - - -	20	6	22	3	5	17	104	637	24	81
FEDERAL GOVERNMENT - - - - - - -	3	2	2	------	1	1	13	------	------	------
OTHER GOVERNMENT - - - - - - - -	------	------	------	------	------	1	2	6	------	1
NONPROFIT ORGANIZATIONS - - - -	------	1	1	------	------	1	6	14	1	5
INDUSTRY AND BUSINESS - - - - -	------	------	1	1	1	2	1	2	------	1
SELF-EMPLOYED - - - - - - - - -	------	------	------	------	------	------	2	12	------	------
MILITARY - - - - - - - - - - - -	------	------	------	------	------	------	------	------	------	------
OTHER - - - - - - - - - - - - -	1	------	1	------	2	1	11	43	1	7
NOT EMPLOYED - - - - - - - - - -	------	------	------	------	------	------	------	------	------	67
NO REPORT - - - - - - - - - - -	------	------	------	1	------	------	------	1	------	5
LINGUISTICS - - - - - - - - -	3	3	1	6	2	7	82	1,136	102	279
EDUCATIONAL INSTITUTIONS - - - -	------	1	------	2	------	4	47	999	94	76
FEDERAL GOVERNMENT - - - - - - -	2	2	1	2	2	------	17	------	------	------
OTHER GOVERNMENT - - - - - - - -	------	------	------	------	------	------	1	2	1	------
NONPROFIT ORGANIZATIONS - - - -	1	------	------	1	------	2	9	74	3	6
INDUSTRY AND BUSINESS - - - - -	------	------	------	1	------	------	1	36	1	1
SELF-EMPLOYED - - - - - - - - -	------	------	------	------	------	------	1	6	2	------
MILITARY - - - - - - - - - - - -	------	------	------	------	------	------	4	------	------	------
OTHER - - - - - - - - - - - - -	------	------	------	------	------	1	2	15	1	1
NOT EMPLOYED - - - - - - - - - -	------	------	------	------	------	------	------	------	------	187
NO REPORT - - - - - - - - - - -	------	------	------	------	------	------	------	4	------	8

TABLE A-43. NUMBER OF SCIENTISTS RECEIVING FEDERAL SUPPORT, BY FIELD, PRIMARY WORK ACTIVITY, AND PROGRAM, [illegible]

SCIENTIFIC AND TECHNICAL FIELD AND PRIMARY WORK ACTIVITY	TOTAL	NUMBER RECEIVING SUPPORT	GOVERNMENTAL PROGRAMS						
			AGRICULTURE	ATOMIC ENERGY	DEFENSE	EDUCATION	HEALTH	HOUSING	INTERNA-TIONAL
ALL FIELDS	312,444	129,709(C)	14,567	11,667	29,002	18,470	26,959	1,959	2,740
RESEARCH AND DEVELOPMENT (A)	97,078	53,967	8,632	6,378	13,068	6,396	15,655	250	731
BASIC RESEARCH	44,544	28,483	2,917	3,990	4,128	2,913	11,592	71	297
APPLIED RESEARCH	47,704	21,882	5,641	1,457	6,908	3,727	3,967	164	365
MANAGEMENT OR ADMINISTRATION (B)	68,700	30,167	4,332	2,288	8,578	3,781	5,087	488	1,155
MANAGEMENT OR ADMINISTRATION OF RESEARCH AND DEVELOPMENT	29,723	14,258	1,592	1,448	5,100	1,451	2,795	312	419
TEACHING	72,408	20,290	1,761	1,012	1,452	6,700	4,703	107	842
PRODUCTION AND INSPECTION	16,086	2,776	156	411	1,161	66	407	98	50
CONSULTING	14,544	4,535	165	136	812	876	1,687	100	195
EXPLORATION, FORECASTING, AND REPORTING	14,595	5,765	401	371	2,061	279	475	114	140
OTHER	8,113	3,044	716	163	886	986	512	89	111
NOT EMPLOYED	17,908	-------	-------	-------	-------	-------	-------	-------	-------
NO REPORT	8,764	3,225	986	238	533	992	746	81	69
CHEMISTRY	86,980	27,660	1,756	5,238	6,076	2,859	5,543	155	248
RESEARCH AND DEVELOPMENT (A)	31,199	10,599	1,029	1,966	2,428	746	5,409	28	47
BASIC RESEARCH	12,668	7,649	629	833	973	669	5,253	9	16
APPLIED RESEARCH	11,530	2,999	390	499	1,018	56	562	13	13
MANAGEMENT OR ADMINISTRATION (B)	71,420	4,820	375	866	1,952	532	886	89	137
MANAGEMENT OR ADMINISTRATION OF RESEARCH AND DEVELOPMENT	11,462	2,636	276	529	1,218	96	586	57	71
TEACHING	10,263	3,157	158	219	298	1,583	762	6	18
PRODUCTION AND INSPECTION	13,438	2,096	107	368	475	37	864	21	28
CONSULTING	1,436	313	16	90	108	22	40	2	13
EXPLORATION, FORECASTING, AND REPORTING	815	267	21	66	83	16	52	3	8
OTHER	2,470	786	25	78	202	71	195	8	16
NOT EMPLOYED	3,541	-------	-------	-------	-------	-------	-------	-------	-------
NO REPORT	2,197	628	90	59	132	56	158	6	6
EARTH & MARINE SCIENCES	23,756	6,920	413	408	1,481	903	269	107	296
RESEARCH AND DEVELOPMENT (A)	3,922	2,486	137	191	551	138	79	16	59
BASIC RESEARCH	2,078	1,420	56	98	286	98	95	6	36
APPLIED RESEARCH	1,776	1,056	77	92	259	40	17	8	22
MANAGEMENT OR ADMINISTRATION (B)	4,099	1,433	102	155	420	131	48	45	96
MANAGEMENT OR ADMINISTRATION OF RESEARCH AND DEVELOPMENT	1,705	640	41	63	207	55	30	14	47
TEACHING	4,584	1,169	33	28	113	533	27	7	36
PRODUCTION AND INSPECTION	1,559	245	16	20	56	8	8	5	5
CONSULTING	700	189	10	16	35	12	15	24	31
EXPLORATION, FORECASTING, AND REPORTING	6,785	1,035	86	38	178	52	56	78	51
OTHER	345	156	15	5	40	9	3	5	8
NOT EMPLOYED	869	-------	-------	-------	-------	-------	-------	-------	-------
NO REPORT	795	227	6	7	35	21	11	5	6
ATMOSPHERIC & SPACE SCIENCES	6,637	5,316	303	237	2,505	210	269	31	161
RESEARCH AND DEVELOPMENT (A)	1,220	1,049	76	71	370	49	76	3	19
BASIC RESEARCH	532	440	26	26	129	33	19	-------	9
APPLIED RESEARCH	691	607	52	46	240	16	57	3	10
MANAGEMENT OR ADMINISTRATION (B)	1,755	1,609	119	75	863	60	82	13	85
MANAGEMENT OR ADMINISTRATION OF RESEARCH AND DEVELOPMENT	450	419	35	33	202	20	29	5	27
TEACHING	467	260	10	10	93	66	16	2	7
PRODUCTION AND INSPECTION	110	80	-------	2	30	3	6	-------	2
CONSULTING	102	77	6	3	41	1	6	-------	6
EXPLORATION, FORECASTING, AND REPORTING	2,193	1,920	140	35	853	50	77	12	79
OTHER	210	170	7	4	76	6	2	-------	7
NOT EMPLOYED	361	-------	-------	-------	-------	-------	-------	-------	-------
NO REPORT	229	141	9	7	47	7	6	1	5

TABLE [illegible]. NUMBER OF SCIENTISTS RECEIVING FEDERAL SUPPORT, BY FIELD, PRIMARY WORK ACTIVITY, AND PROGRAM, 1970--CONTINUED

SCIENTIFIC AND TECHNICAL FIELD AND PRIMARY WORK ACTIVITY	GOVERNMENTAL PROGRAMS							NOT SUPPORTED	SUPPORT STATUS UNKNOWN	NO REPORT
	NATURAL RESOURCES	PUBLIC WORKS	RURAL DEVELOPMENT	SPACE	TRANS-PORTATION	URBAN DEVELOPMENT	OTHER			
ALL FIELDS	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
RESEARCH AND DEVELOPMENT R&D	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
BASIC RESEARCH	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
APPLIED RESEARCH	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
MANAGEMENT OR ADMINISTRATION [illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
MANAGEMENT OR ADMINISTRATION OF RESEARCH AND DEVELOPMENT	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
TEACHING	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
PRODUCTION AND INSPECTION	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
CONSULTING	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
EXPLORATION, FORECASTING, AND REPORTING	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
OTHER	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
NOT EMPLOYED	--------	--------	--------	--------	--------	--------	--------	--------	--------	[illegible]
NO REPORT	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
CHEMISTRY	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
RESEARCH AND DEVELOPMENT R&D	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
BASIC RESEARCH	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
APPLIED RESEARCH	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
MANAGEMENT OR ADMINISTRATION [illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
MANAGEMENT OR ADMINISTRATION OF RESEARCH AND DEVELOPMENT	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
TEACHING	[illegible]	[illegible]	--------	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
PRODUCTION AND INSPECTION	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
CONSULTING	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
EXPLORATION, FORECASTING, AND REPORTING	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
OTHER	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
NOT EMPLOYED	--------	--------	--------	--------	--------	--------	--------	--------	--------	[illegible]
NO REPORT	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
EARTH & MARINE SCIENCES	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
RESEARCH AND DEVELOPMENT R&D	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
BASIC RESEARCH	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
APPLIED RESEARCH	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
MANAGEMENT OR ADMINISTRATION [illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
MANAGEMENT OR ADMINISTRATION OF RESEARCH AND DEVELOPMENT	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
TEACHING	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
PRODUCTION AND INSPECTION	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
CONSULTING	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
EXPLORATION, FORECASTING, AND REPORTING	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
OTHER	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
NOT EMPLOYED	--------	--------	--------	--------	--------	--------	--------	--------	--------	[illegible]
NO REPORT	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
ATMOSPHERIC & SPACE SCIENCES	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
RESEARCH AND DEVELOPMENT R&D	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
BASIC RESEARCH	[illegible]	[illegible]	--------	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
APPLIED RESEARCH	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
MANAGEMENT OR ADMINISTRATION [illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
MANAGEMENT OR ADMINISTRATION OF RESEARCH AND DEVELOPMENT	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	--------	[illegible]
TEACHING	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
PRODUCTION AND INSPECTION	[illegible]	[illegible]	--------	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
CONSULTING	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	--------	[illegible]
EXPLORATION, FORECASTING, AND REPORTING	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
OTHER	[illegible]	[illegible]	--------	[illegible]	[illegible]	--------	[illegible]	[illegible]	[illegible]	[illegible]
NOT EMPLOYED	--------	--------	--------	--------	--------	--------	--------	--------	--------	[illegible]
NO REPORT	[illegible]	[illegible]	--------	[illegible]	[illegible]	--------	[illegible]	[illegible]	[illegible]	[illegible]

TABLE [illegible]. NUMBER OF SCIENTISTS RECEIVING FEDERAL SUPPORT, BY FIELD, PRIMARY WORK ACTIVITY, AND PROGRAM, 1970--CONTINUED

SCIENTIFIC AND TECHNICAL FIELD AND PRIMARY WORK ACTIVITY	GOVERNMENTAL PROGRAMS							NO SUPPORT	SUPPORT STATUS UNKNOWN	NO REPORT
	NATURAL RESOURCES	PUBLIC WORKS	RURAL DEVELOPMENT	SPACE	TRANS-PORTATION	URBAN DEVELOPMENT	OTHER			
PHYSICS - - - - - - - - - - - -	498	62	18	4,991	611	106	1,473	13,586	1,219	4,589
RESEARCH AND DEVELOPMENT (R&D) - -	231	24	3	2,767	177	28	1,295	5,639	505	1,284
BASIC RESEARCH - - - - - - - -	72	7	-------	1,566	52	6	838	1,990	543	1,041
APPLIED RESEARCH - - - - - - -	154	12	3	1,120	100	18	285	1,570	121	167
MANAGEMENT OR ADMINISTRATION	157	26	11	971	195	52	268	1,570	92	168
MANAGEMENT OR ADMINISTRATION OF RESEARCH AND DEVELOPMENT -	106	15	6	786	120	28	195	842	11	67
TEACHING - - - - - - - - - - -	56	-------	1	333	27	9	305	4,420	400	425
PRODUCTION AND INSPECTION - - -	5	2	1	20	5	-------	5	151	4	8
CONSULTING - - - - - - - - - -	12	6	-------	50	24	11	17	186	20	15
EXPLORATION, FORECASTING, AND REPORTING - - - - - - - - - -	8	5	2	145	56	2	56	166	30	36
OTHER - - - - - - - - - - - -	5	1	-------	41	3	7	46	117	8	15
NOT EMPLOYED - - - - - - - - -	-------	-------	-------	-------	-------	-------	-------	-------	-------	2,336
NO REPORT - - - - - - - - - -	6	-------	-------	66	6	7	100	345	22	956
MATHEMATICS - - - - - - - - -	150	65	27	781	606	191	1,282	13,066	966	5,191
RESEARCH AND DEVELOPMENT (R&D) - -	57	16	3	317	142	32	961	1,657	219	551
BASIC RESEARCH - - - - - - - -	12	3	-------	72	19	2	282	407	199	407
APPLIED RESEARCH - - - - - - -	45	9	3	215	110	29	116	698	45	126
MANAGEMENT OR ADMINISTRATION	69	29	11	275	195	78	211	7,961	26	916
MANAGEMENT OR ADMINISTRATION OF RESEARCH AND DEVELOPMENT -	52	15	6	145	86	68	88	838	5	176
TEACHING - - - - - - - - - - -	10	6	8	68	50	25	289	4,932	612	989
PRODUCTION AND INSPECTION - - -	1	-------	-------	12	6	-------	6	83	3	8
CONSULTING - - - - - - - - - -	16	10	5	55	41	40	28	766	20	66
EXPLORATION, FORECASTING, AND REPORTING - - - - - - - - - -	5	2	1	98	21	0	61	398	16	38
OTHER - - - - - - - - - - - -	1	1	1	29	15	2	95	522	55	58
NOT EMPLOYED - - - - - - - - -	-------	-------	-------	-------	-------	-------	-------	-------	-------	1,061
NO REPORT - - - - - - - - - -	5	3	3	19	7	4	63	278	25	126
COMPUTER SCIENCES - - - - - -	148	96	26	1,077	325	141	384	5,061	326	471
RESEARCH AND DEVELOPMENT (R&D) - -	48	29	10	415	112	53	195	1,475	107	278
BASIC RESEARCH - - - - - - - -	3	-------	1	22	2	1	19	65	9	26
APPLIED RESEARCH - - - - - - -	52	12	5	218	70	21	76	718	62	137
MANAGEMENT OR ADMINISTRATION	69	30	9	578	115	69	116	1,416	68	164
MANAGEMENT OR ADMINISTRATION OF RESEARCH AND DEVELOPMENT -	25	16	5	280	65	42	50	719	20	58
TEACHING - - - - - - - - - - -	1	2	-------	70	6	6	18	219	29	23
PRODUCTION AND INSPECTION - - -	6	8	-------	16	2	-------	5	60	6	6
CONSULTING - - - - - - - - - -	19	11	3	66	32	29	38	627	66	56
EXPLORATION, FORECASTING, AND REPORTING - - - - - - - - - -	10	11	6	172	42	21	50	576	61	76
OTHER - - - - - - - - - - - -	5	1	-------	48	9	5	17	235	27	30
NOT EMPLOYED - - - - - - - - -	-------	-------	-------	-------	-------	-------	-------	-------	-------	526
NO REPORT - - - - - - - - - -	6	1	-------	17	7	2	12	85	5	27
AGRICULTURAL SCIENCES - - - -	5,350	256	866	48	111	291	1,068	6,176	216	972
RESEARCH AND DEVELOPMENT (R&D) - -	972	25	90	22	29	56	186	669	86	136
BASIC RESEARCH - - - - - - - -	270	8	21	8	5	23	53	106	23	31
APPLIED RESEARCH - - - - - - -	701	17	69	15	24	33	130	563	61	103
MANAGEMENT OR ADMINISTRATION	1,680	186	576	23	71	155	691	2,620	67	806
MANAGEMENT OR ADMINISTRATION OF RESEARCH AND DEVELOPMENT -	765	18	76	8	10	31	117	438	17	80
TEACHING - - - - - - - - - - -	180	2	43	6	5	9	56	406	49	43
PRODUCTION AND INSPECTION - - -	7	1	3	-------	-------	3	2	56	2	2
CONSULTING - - - - - - - - - -	25	1	7	-------	-------	5	5	40	1	7
EXPLORATION, FORECASTING, AND REPORTING - - - - - - - - - -	128	15	22	-------	5	16	26	66	-------	8
OTHER - - - - - - - - - - - -	252	26	87	-------	10	43	97	258	15	43
NOT EMPLOYED - - - - - - - - -	-------	-------	-------	-------	-------	-------	-------	-------	-------	911
NO REPORT - - - - - - - - - -	97	6	10	1	1	6	53	101	2	48

TABLE B-47. NUMBER OF SCIENTISTS RECEIVING FEDERAL SUPPORT, BY FIELD, PRIMARY WORK ACTIVITY, AND PROGRAM, 1970--CONTINUED

SCIENTIFIC AND TECHNICAL FIELD AND PRIMARY WORK ACTIVITY	TOTAL	NUMBER RECEIVING SUPPORT	GOVERNMENTAL PROGRAMS						
			AGRICULTURE	ATOMIC ENERGY	DEFENSE	EDUCATION	HEALTH	HOUSING	INTERNATIONAL
BIOLOGICAL SCIENCES - - - - -	67,695	29,186	5,369	907	1,662	5,322	14,952	26	557
RESEARCH AND DEVELOPMENT (R&D) - -	19,605	19,987	3,263	572	688	640	8,573	11	170
BASIC RESEARCH - - - - - - - -	12,566	9,581	1,739	448	572	591	4,576	7	79
APPLIED RESEARCH - - - - - - -	6,255	5,806	1,523	217	518	199	1,796	4	58
MANAGEMENT OR ADMINISTRATION	8,195	4,326	956	256	431	576	2,005	44	157
MANAGEMENT OR ADMINISTRATION OF RESEARCH AND DEVELOPMENT -	5,056	2,250	582	199	268	211	1,197	14	119
TEACHING - - - - - - - - - - -	14,256	5,217	667	168	199	1,892	2,595	4	49
PRODUCTION AND INSPECTION - - -	92	22	2	-------	1	1	16	-------	-------
CONSULTING - - - - - - - - - -	2,166	563	26	8	57	52	367	-------	1
EXPLORATION, FORECASTING, AND REPORTING - - - - - - - - -	336	157	26	5	51	12	44	1	5
OTHER - - - - - - - - - - - -	1,266	596	205	12	51	78	176	11	17
NOT EMPLOYED - - - - - - - - -	1,675	-------	-------	-------	-------	-------	-------	-------	-------
NO REPORT - - - - - - - - - -	1,549	718	155	18	66	87	505	-------	11
PSYCHOLOGY - - - - - - - - -	26,271	13,265	50	28	1,150	4,962	5,829	26	152
RESEARCH AND DEVELOPMENT (R&D) - -	6,137	3,931	8	8	559	1,552	1,996	19	45
BASIC RESEARCH - - - - - - - -	1,679	1,726	3	3	165	912	819	4	27
APPLIED RESEARCH - - - - - - -	4,150	1,963	5	2	367	672	563	12	19
MANAGEMENT OR ADMINISTRATION	4,579	2,477	16	10	357	1,162	969	19	55
MANAGEMENT OR ADMINISTRATION OF RESEARCH AND DEVELOPMENT -	1,578	1,076	11	6	279	452	563	26	35
TEACHING - - - - - - - - - - -	6,556	1,567	12	1	101	1,067	768	6	17
PRODUCTION AND INSPECTION - - -	19	3	-------	-------	-------	1	-------	-------	-------
CONSULTING - - - - - - - - - -	6,446	1,568	3	6	99	628	825	6	8
EXPLORATION, FORECASTING, AND REPORTING - - - - - - - - -	95	47	-------	-------	8	19	16	-------	1
OTHER - - - - - - - - - - - -	520	136	1	-------	16	61	37	2	2
NOT EMPLOYED - - - - - - - - -	1,259	-------	-------	-------	-------	-------	-------	-------	-------
NO REPORT - - - - - - - - - -	456	173	-------	-------	15	72	62	2	2
STATISTICS - - - - - - - - -	2,955	1,553	91	62	425	169	555	35	51
RESEARCH AND DEVELOPMENT (R&D) - -	757	605	17	17	195	65	279	4	5
BASIC RESEARCH - - - - - - - -	187	153	5	5	71	8	96	-------	1
APPLIED RESEARCH - - - - - - -	566	567	11	13	123	55	141	4	4
MANAGEMENT OR ADMINISTRATION	572	362	27	9	71	56	121	16	7
MANAGEMENT OR ADMINISTRATION OF RESEARCH AND DEVELOPMENT -	286	185	12	5	56	23	26	9	6
TEACHING - - - - - - - - - - -	578	207	13	1	53	58	75	-------	6
PRODUCTION AND INSPECTION - - -	115	63	5	13	62	1	1	1	1
CONSULTING - - - - - - - - - -	329	172	22	15	47	11	55	1	7
EXPLORATION, FORECASTING, AND REPORTING - - - - - - - - -	317	191	3	5	38	11	68	5	6
OTHER - - - - - - - - - - - -	65	47	2	1	19	4	12	1	1
NOT EMPLOYED - - - - - - - - -	127	-------	-------	-------	-------	-------	-------	-------	-------
NO REPORT - - - - - - - - - -	80	38	6	3	6	5	16	1	-------
ECONOMICS - - - - - - - - -	13,596	6,660	1,251	47	399	606	313	266	425
RESEARCH AND DEVELOPMENT (R&D) - -	2,766	1,575	551	8	117	105	105	36	176
BASIC RESEARCH - - - - - - - -	782	367	65	5	23	29	29	18	58
APPLIED RESEARCH - - - - - - -	1,940	1,155	461	3	83	75	75	18	119
MANAGEMENT OR ADMINISTRATION	2,919	1,596	929	26	190	226	116	131	221
MANAGEMENT OR ADMINISTRATION OF RESEARCH AND DEVELOPMENT -	1,168	726	176	25	65	69	66	58	112
TEACHING - - - - - - - - - - -	5,288	1,031	216	5	57	216	56	29	91
PRODUCTION AND INSPECTION - - -	186	57	23	1	19	6	1	4	8
CONSULTING - - - - - - - - - -	467	181	50	3	16	19	15	23	44
EXPLORATION, FORECASTING, AND REPORTING - - - - - - - - -	537	211	29	2	23	6	4	8	56
OTHER - - - - - - - - - - - -	958	189	51	4	18	16	16	16	57
NOT EMPLOYED - - - - - - - - -	563	-------	-------	-------	-------	-------	-------	-------	-------
NO REPORT - - - - - - - - - -	333	120	50	2	8	15	6	7	12

TABLE B-47. NUMBER OF SCIENTISTS RECEIVING FEDERAL SUPPORT, BY FIELD, PRIMARY WORK ACTIVITY, AND PROGRAM, 1970--CONTINUED

SCIENTIFIC AND TECHNICAL FIELD AND PRIMARY WORK ACTIVITY	GOVERNMENTAL PROGRAMS							NO SUPPORT	SUPPORT STATUS UNKNOWN	NO REPORT
	NATURAL RESOURCES	PUBLIC WORKS	RURAL DEVELOPMENT	SPACE	TRANS-PORTATION	URBAN DEVELOPMENT	OTHER			
BIOLOGICAL SCIENCES	2,207	144	182	544	90	193	2,301	18,062	1,919	4,924
RESEARCH AND DEVELOPMENT	926	23	25	272	29	28	962	3,477	444	1,367
BASIC RESEARCH	505	11	6	176	7	15	700	1,684	288	942
APPLIED RESEARCH	337	12	16	96	16	13	263	1,762	156	376
MANAGEMENT OR ADMINISTRATION	763	82	123	167	94	77	537	3,931	85	485
MANAGEMENT OR ADMINISTRATION OF RESEARCH AND DEVELOPMENT	387	23	57	126	26	26	269	1,946	23	225
TEACHING	653	17	10	53	11	18	682	7,725	638	1,066
PRODUCTION AND INSPECTION	2	1	-	1	-	-	2	60	2	6
CONSULTING	5	2	1	6	1	1	103	1,193	65	167
EXPLORATION, FORECASTING, AND REPORTING	39	8	5	16	-	5	26	157	8	16
OTHER	69	12	16	12	12	13	97	616	51	89
NOT EMPLOYED	-	-	-	-	-	-	-	-	-	1,625
NO REPORT	66	1	6	17	5	8	88	567	95	233
PSYCHOLOGY	63	23	67	213	192	298	1,575	12,919	1,988	2,133
RESEARCH AND DEVELOPMENT	19	3	11	85	77	42	333	2,147	583	241
BASIC RESEARCH	8	-	2	40	18	20	107	962	28	75
APPLIED RESEARCH	6	4	6	35	57	36	215	1,084	365	158
MANAGEMENT OR ADMINISTRATION	14	12	25	78	80	100	403	2,179	113	162
MANAGEMENT OR ADMINISTRATION OF RESEARCH AND DEVELOPMENT	15	8	12	45	47	55	195	493	16	56
TEACHING	7	1	3	30	11	55	245	4,278	334	242
PRODUCTION AND INSPECTION	-	-	-	-	-	-	2	7	3	-
CONSULTING	5	6	7	7	18	28	509	3,742	467	9
EXPLORATION, FORECASTING, AND REPORTING	1	-	-	2	1	-	9	41	3	4
OTHER	-	-	1	4	8	4	24	153	25	16
NOT EMPLOYED	-	-	-	-	-	-	-	-	-	1,098
NO REPORT	-	-	-	2	6	9	30	206	50	27
STATISTICS	48	8	10	61	77	30	284	982	76	540
RESEARCH AND DEVELOPMENT	25	3	3	29	20	7	76	183	33	58
BASIC RESEARCH	7	-	1	5	5	-	18	43	12	26
APPLIED RESEARCH	13	3	1	21	14	5	43	131	21	29
MANAGEMENT OR ADMINISTRATION	11	3	4	18	30	16	90	209	1	22
MANAGEMENT OR ADMINISTRATION OF RESEARCH AND DEVELOPMENT	7	3	3	9	23	10	47	90	1	13
TEACHING	8	-	-	13	6	1	19	293	17	42
PRODUCTION AND INSPECTION	-	-	-	3	2	-	9	47	3	4
CONSULTING	5	-	-	11	8	5	26	127	12	18
EXPLORATION, FORECASTING, AND REPORTING	2	2	2	8	7	7	50	60	7	32
OTHER	-	-	-	2	2	-	13	12	4	6
NOT EMPLOYED	-	-	-	-	-	-	-	-	-	127
NO REPORT	2	-	1	2	1	2	9	19	2	21
ECONOMICS	556	190	303	86	332	687	1,167	7,606	122	1,000
RESEARCH AND DEVELOPMENT	229	48	153	15	91	141	386	908	82	131
BASIC RESEARCH	35	7	29	2	19	43	125	362	27	46
APPLIED RESEARCH	186	35	108	13	67	80	258	576	52	56
MANAGEMENT OR ADMINISTRATION	171	86	135	53	130	182	355	1,492	26	65
MANAGEMENT OR ADMINISTRATION OF RESEARCH AND DEVELOPMENT	105	47	72	22	87	115	206	439	7	38
TEACHING	86	12	58	22	40	72	232	3,931	191	181
PRODUCTION AND INSPECTION	7	4	5	2	4	6	7	127	1	5
CONSULTING	21	13	23	4	36	49	29	266	1	19
EXPLORATION, FORECASTING, AND REPORTING	16	11	8	3	16	11	77	312	3	16
OTHER	16	7	11	4	10	16	57	149	16	6
NOT EMPLOYED	-	-	-	-	-	-	-	-	-	563
NO REPORT	10	8	10	3	7	13	46	139	6	68

TABLE A-47. NUMBER OF SCIENTISTS RECEIVING FEDERAL SUPPORT, BY FIELD, PRIMARY WORK ACTIVITY, AND PROGRAM, 1970--CONTINUED

SCIENTIFIC AND TECHNICAL FIELD AND PRIMARY WORK ACTIVITY	TOTAL	NUMBER RECEIVING SUPPORT	GOVERNMENTAL PROGRAMS						
			AGRICULTURE	ATOMIC ENERGY	DEFENSE	EDUCATION	HEALTH	HOUSING	INTERNA-TIONAL
STATISTICS	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
RESEARCH AND DEVELOPMENT (A)	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
BASIC RESEARCH	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
APPLIED RESEARCH	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
MANAGEMENT OR ADMINISTRATION (B)	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
MANAGEMENT OR ADMINISTRATION OF RESEARCH AND DEVELOPMENT	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
TEACHING	[illegible]	[illegible]	[illegible]	------	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
PRODUCTION AND INSPECTION	------	------	------	------	------	------	------	------	------
CONSULTING	[illegible]	[illegible]	------	------	[illegible]	[illegible]	[illegible]	------	------
EXPLORATION, FORECASTING, AND REPORTING	[illegible]	[illegible]	------	------	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
OTHER	[illegible]	[illegible]	[illegible]	------	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
NOT EMPLOYED	[illegible]	------	------	------	------	------	------	------	------
NO REPORT	[illegible]	[illegible]	[illegible]	------	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
POLITICAL SCIENCE	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
RESEARCH AND DEVELOPMENT (A)	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
BASIC RESEARCH	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
APPLIED RESEARCH	[illegible]	[illegible]	------	------	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
MANAGEMENT OR ADMINISTRATION (B)	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
MANAGEMENT OR ADMINISTRATION OF RESEARCH AND DEVELOPMENT	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
TEACHING	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
PRODUCTION AND INSPECTION	------	------	------	------	------	------	------	------	------
CONSULTING	[illegible]	[illegible]	[illegible]	------	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
EXPLORATION, FORECASTING, AND REPORTING	[illegible]	[illegible]	[illegible]	------	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
OTHER	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
NOT EMPLOYED	[illegible]	------	------	------	------	------	------	------	------
NO REPORT	[illegible]	[illegible]	------	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
ANTHROPOLOGY	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
RESEARCH AND DEVELOPMENT (A)	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
BASIC RESEARCH	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
APPLIED RESEARCH	[illegible]	[illegible]	------	[illegible]	[illegible]	[illegible]	[illegible]	------	------
MANAGEMENT OR ADMINISTRATION (B)	[illegible]	[illegible]	[illegible]	------	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
MANAGEMENT OR ADMINISTRATION OF RESEARCH AND DEVELOPMENT	[illegible]	[illegible]	[illegible]	------	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
TEACHING	[illegible]	[illegible]	[illegible]	------	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
PRODUCTION AND INSPECTION	------	------	------	------	------	------	------	------	------
CONSULTING	[illegible]	[illegible]	------	------	------	[illegible]	[illegible]	[illegible]	------
EXPLORATION, FORECASTING, AND REPORTING	[illegible]	[illegible]	[illegible]	------	------	[illegible]	[illegible]	------	[illegible]
OTHER	[illegible]	[illegible]	------	------	------	[illegible]	[illegible]	[illegible]	------
NOT EMPLOYED	[illegible]	------	------	------	------	------	------	------	------
NO REPORT	[illegible]	[illegible]	------	------	[illegible]	[illegible]	[illegible]	------	------
LINGUISTICS	[illegible]	[illegible]	[illegible]	------	[illegible]	[illegible]	[illegible]	------	[illegible]
RESEARCH AND DEVELOPMENT (A)	[illegible]	[illegible]	------	------	[illegible]	[illegible]	[illegible]	------	[illegible]
BASIC RESEARCH	[illegible]	[illegible]	------	------	[illegible]	[illegible]	[illegible]	------	[illegible]
APPLIED RESEARCH	[illegible]	[illegible]	------	------	[illegible]	[illegible]	[illegible]	------	[illegible]
MANAGEMENT OR ADMINISTRATION (B)	[illegible]	[illegible]	[illegible]	------	[illegible]	[illegible]	[illegible]	------	[illegible]
MANAGEMENT OR ADMINISTRATION OF RESEARCH AND DEVELOPMENT	[illegible]	[illegible]	[illegible]	------	[illegible]	[illegible]	[illegible]	------	[illegible]
TEACHING	[illegible]	[illegible]	------	------	[illegible]	[illegible]	[illegible]	------	[illegible]
PRODUCTION AND INSPECTION	[illegible]	[illegible]	------	------	------	------	------	------	[illegible]
CONSULTING	[illegible]	[illegible]	------	------	[illegible]	[illegible]	------	------	[illegible]
EXPLORATION, FORECASTING, AND REPORTING	[illegible]	[illegible]	------	------	[illegible]	[illegible]	[illegible]	------	[illegible]
OTHER	[illegible]	[illegible]	------	------	[illegible]	[illegible]	[illegible]	------	[illegible]
NOT EMPLOYED	[illegible]	------	------	------	------	------	------	------	------
NO REPORT	[illegible]	[illegible]	------	------	[illegible]	[illegible]	[illegible]	------	[illegible]

(A) INCLUDES DEVELOPMENT OR DESIGN.
(B) INCLUDES MANAGEMENT OR ADMINISTRATION OF OTHER THAN RESEARCH AND DEVELOPMENT.

(C) OF THIS NUMBER, [illegible] SCIENTISTS REPORTED SUPPORT FROM MORE THAN 1 FEDERAL PROGRAM, HENCE THE COLUMNS GIVING NUMBER OF SCIENTISTS BY PROGRAM DO NOT ADD TO TOTAL.

SOURCE - NATIONAL REGISTER OF SCIENTIFIC AND TECHNICAL PERSONNEL, 1970.

TABLE A-40. NUMBER OF SCIENTISTS RECEIVING FEDERAL SUPPORT, BY FIELD, PRIMARY WORK ACTIVITY, AND PROGRAM, 1970--CONTINUED

SCIENTIFIC AND TECHNICAL FIELD AND PRIMARY WORK ACTIVITY	GOVERNMENTAL PROGRAMS							NO SUPPORT	SUPPORT STATUS UNKNOWN	NO REPORT
	NATURAL RESOURCES	PUBLIC WORKS	RURAL DEVELOPMENT	SPACE	TRANS-PORTATION	URBAN DEVELOPMENT	OTHER			
SOCIOLOGY	65	25	118	14	47	262	568	3,636	308	1,212
RESEARCH AND DEVELOPMENT (A)	29	6	44	2	17	72	186	441	67	82
BASIC RESEARCH	14	1	14	2	8	26	99	281	45	58
APPLIED RESEARCH	14	5	30	-------	9	46	86	160	22	24
MANAGEMENT OR ADMINISTRATION (B)	25	9	37	6	20	89	160	477	20	79
MANAGEMENT OR ADMINISTRATION OF RESEARCH AND DEVELOPMENT	16	7	24	3	16	79	79	116	9	10
TEACHING	10	5	29	4	6	78	154	2,479	182	272
PRODUCTION AND INSPECTION	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------
CONSULTING	-------	-------	-------	-------	-------	-------	4	19	5	5
EXPLORATION, FORECASTING, AND REPORTING	6	2	-------	-------	2	4	13	33	1	6
OTHER	1	1	3	1	1	11	24	92	17	12
NOT EMPLOYED	-------	-------	-------	-------	-------	-------	-------	-------	-------	617
NO REPORT	1	2	5	1	1	8	27	96	16	139
POLITICAL SCIENCE	68	44	73	49	83	219	388	4,095	182	752
RESEARCH AND DEVELOPMENT (A)	9	4	17	7	13	30	65	342	26	39
BASIC RESEARCH	5	-------	6	4	5	14	36	249	20	31
APPLIED RESEARCH	3	2	8	3	8	13	21	85	4	6
MANAGEMENT OR ADMINISTRATION (B)	17	24	34	20	37	91	126	509	9	41
MANAGEMENT OR ADMINISTRATION OF RESEARCH AND DEVELOPMENT	15	9	16	15	19	44	95	109	6	17
TEACHING	16	3	10	18	12	55	111	2,977	130	196
PRODUCTION AND INSPECTION	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------
CONSULTING	7	4	3	1	2	12	10	37	1	5
EXPLORATION, FORECASTING, AND REPORTING	5	4	4	-------	9	20	33	66	6	8
OTHER	6	5	5	2	8	8	30	35	6	7
NOT EMPLOYED	-------	-------	-------	-------	-------	-------	-------	-------	-------	363
NO REPORT	2	-------	-------	1	2	3	15	95	6	60
ANTHROPOLOGY	26	9	27	5	9	23	190	715	26	167
RESEARCH AND DEVELOPMENT (A)	10	3	8	2	2	9	90	110	3	56
BASIC RESEARCH	9	3	7	1	1	7	56	101	2	53
APPLIED RESEARCH	1	-------	1	1	1	2	7	9	1	3
MANAGEMENT OR ADMINISTRATION (B)	2	4	4	-------	3	4	26	34	2	9
MANAGEMENT OR ADMINISTRATION OF RESEARCH AND DEVELOPMENT	2	4	4	-------	3	3	16	27	1	4
TEACHING	11	1	14	2	1	7	63	487	20	47
PRODUCTION AND INSPECTION	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------
CONSULTING	-------	1	-------	1	-------	1	1	5	-------	-------
EXPLORATION, FORECASTING, AND REPORTING	1	-------	-------	-------	2	1	6	20	1	1
OTHER	-------	-------	-------	-------	-------	1	3	6	-------	-------
NOT EMPLOYED	-------	-------	-------	-------	-------	-------	-------	-------	-------	67
NO REPORT	-------	-------	1	-------	1	-------	3	17	-------	13
LINGUISTICS	3	3	1	6	2	7	82	1,136	152	279
RESEARCH AND DEVELOPMENT (A)	-------	-------	-------	2	1	1	24	129	25	26
BASIC RESEARCH	-------	-------	-------	1	-------	1	18	101	16	19
APPLIED RESEARCH	-------	-------	-------	1	1	-------	6	28	9	5
MANAGEMENT OR ADMINISTRATION (B)	3	3	1	4	1	1	17	116	7	15
MANAGEMENT OR ADMINISTRATION OF RESEARCH AND DEVELOPMENT	1	1	-------	1	-------	-------	6	22	1	3
TEACHING	-------	-------	-------	-------	-------	3	22	782	90	43
PRODUCTION AND INSPECTION	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------
CONSULTING	-------	-------	-------	-------	-------	-------	1	15	2	-------
EXPLORATION, FORECASTING, AND REPORTING	-------	-------	-------	-------	-------	1	9	20	1	1
OTHER	-------	-------	-------	-------	-------	1	5	32	8	3
NOT EMPLOYED	-------	-------	-------	-------	-------	-------	-------	-------	-------	187
NO REPORT	-------	-------	-------	-------	-------	-------	6	36	-------	11

TABLE A-41. NUMBER OF SCIENTISTS RECEIVING FEDERAL SUPPORT, BY FIELD, YEARS OF PROFESSIONAL EXPERIENCE, AND PROGRAM, 1970

SCIENTIFIC AND TECHNICAL FIELD AND YEARS OF PROFESSIONAL EXPERIENCE	TOTAL	NUMBER RECEIVING SUPPORT	GOVERNMENTAL PROGRAMS						
			AGRICULTURE	ATOMIC ENERGY	DEFENSE	EDUCATION	HEALTH	HOUSING	INTERNA-TIONAL
ALL FIELDS	312,644	127,727	14,567	17,497	28,002	19,870	29,959	1,960	2,7
1 OR LESS	17,794	4,059	265	371	1,117	482	1,176	86	58
2 TO 4	44,868	17,552	1,405	1,473	4,169	2,771	4,276	142	247
5 TO 9	57,757	23,970	2,276	2,045	5,725	5,962	5,411	265	371
10 TO 14	44,330	19,951	2,215	1,599	4,756	3,167	4,257	229	380
15 TO 19	36,242	15,266	1,667	1,508	3,956	2,263	3,726	144	354
20 TO 24	30,422	12,241	1,730	1,081	3,137	1,815	2,778	159	347
25 TO 29	25,457	6,535	848	724	1,742	938	1,494	137	278
30 TO 34	13,066	4,747	795	395	1,085	729	1,067	73	229
35 TO 39	8,885	2,268	455	163	411	366	565	27	135
40 OR MORE	5,729	1,477	229	92	292	268	567	20	74
NO REPORT	44,712	16,230	2,728	1,299	2,896	2,146	4,144	176	500
CHEMISTRY	81,580	22,463	1,754	5,238	4,175	2,878	5,941	155	248
1 OR LESS	4,751	1,198	41	156	358	178	496	8	7
2 TO 4	11,828	5,149	174	553	867	568	1,245	11	24
5 TO 9	12,778	5,504	251	589	741	505	1,035	54	18
10 TO 14	9,607	2,941	227	405	717	372	708	19	16
15 TO 19	9,290	2,544	179	443	708	225	576	15	19
20 TO 24	8,606	2,751	196	368	442	256	442	14	38
25 TO 29	5,806	1,491	169	344	481	123	292	26	36
30 TO 34	4,873	901	119	147	317	89	216	14	25
35 TO 39	2,471	456	58	58	128	50	92	9	16
40 OR MORE	1,825	205	50	25	78	54	40	4	12
NO REPORT	10,463	4,135	295	561	1,138	408	1,295	26	87
EARTH & MARINE SCIENCES	23,756	6,921	413	438	1,451	913	269	182	296
1 OR LESS	899	265	6	9	47	46	8	8	5
2 TO 4	2,880	961	35	43	216	153	55	43	26
5 TO 9	5,441	1,319	56	66	271	216	66	56	47
10 TO 14	3,914	1,267	42	87	272	176	48	36	44
15 TO 19	4,058	1,110	71	66	213	98	47	22	53
20 TO 24	3,436	841	53	53	140	76	51	16	42
25 TO 29	1,799	568	29	28	71	51	23	7	31
30 TO 34	1,142	289	26	18	56	28	13	3	17
35 TO 39	542	152	19	10	17	19	4	2	10
40 OR MORE	556	112	8	5	11	15	5	2	4
NO REPORT	1,541	508	24	23	96	59	10	0	14
ATMOSPHERIC & SPACE SCIENCES	6,617	5,314	303	237	2,389	218	269	31	161
1 OR LESS	313	265	5	2	135	6	8	2	7
2 TO 4	867	657	20	15	563	24	19	2	11
5 TO 9	917	778	17	29	341	36	33	2	9
10 TO 14	921	800	58	25	400	22	31	4	12
15 TO 19	886	741	55	39	386	16	41	2	28
20 TO 24	940	616	47	51	272	25	58	4	23
25 TO 29	819	656	76	42	238	44	47	11	45
30 TO 34	376	293	52	6	69	18	23	-------	19
35 TO 39	77	55	16	1	13	2	8	-------	2
40 OR MORE	72	36	8	2	6	4	6	2	4
NO REPORT	497	443	31	15	166	21	17	2	11
PHYSICS	36,536	25,144	99	5,373	8,966	2,190	878	58	163
1 OR LESS	1,807	921	3	296	568	85	56	2	6
2 TO 4	8,714	5,296	7	942	1,260	319	129	2	15
5 TO 9	8,275	4,812	21	1,180	2,117	563	216	7	21
10 TO 14	5,594	3,233	17	752	1,521	352	140	11	14
15 TO 19	3,785	2,413	11	666	1,223	266	122	6	25
20 TO 24	2,718	1,712	22	416	865	193	107	12	23
25 TO 29	1,448	917	6	256	483	111	48	6	16
30 TO 34	1,097	591	5	123	356	85	56	6	13
35 TO 39	576	255	3	58	127	40	18	2	4
40 OR MORE	577	202	2	95	83	36	12	1	8
NO REPORT	4,439	1,802	4	462	846	156	97	3	9
MATHEMATICS	24,433	7,197	58	367	5,136	2,012	392	71	83
1 OR LESS	525	56	-------	5	11	9	5	-------	-------
2 TO 4	4,114	1,293	3	56	451	309	48	8	6
5 TO 9	6,442	1,798	6	69	717	569	98	12	14
10 TO 14	4,726	1,356	19	57	578	376	76	9	17
15 TO 19	2,475	965	8	52	472	221	56	17	10
20 TO 24	2,140	722	7	44	352	188	45	10	16
25 TO 29	935	365	1	22	182	80	20	5	11
30 TO 34	816	233	3	13	97	76	16	3	3
35 TO 39	515	117	4	4	42	47	4	1	5
40 OR MORE	450	92	-------	5	26	42	2	1	-------
NO REPORT	1,735	424	4	70	230	86	26	6	5

TABLE B-41. NUMBER OF SCIENTISTS RECEIVING FEDERAL SUPPORT, BY FIELD, YEARS OF PROFESSIONAL EXPERIENCE, AND PROGRAM, 1970--CONTINUED

SCIENTIFIC AND TECHNICAL FIELD AND YEARS OF PROFESSIONAL EXPERIENCE	GOVERNMENTAL PROGRAMS							NO SUPPORT	SUPPORT STATUS UNKNOWN	NO REPORT
	NATURAL RESOURCES	PUBLIC WORKS	RURAL DEVELOPMENT	SPACE	TRANS-PORTATION	URBAN DEVELOPMENT	OTHER			
ALL FIELDS	15,719	1,096	2,170	13,569	5,200	2,905	16,571	146,545	15,791	52,159
1 OR LESS	190	50	55	276	58	71	313	4,556	866	1,425
2 TO 4	1,577	187	219	1,356	365	356	2,415	19,425	2,742	5,172
5 TO 9	2,615	290	566	2,298	580	525	5,314	29,546	2,176	5,369
10 TO 14	2,159	358	370	1,913	526	668	2,959	23,159	1,328	2,937
15 TO 19	1,760	296	261	1,690	695	612	1,777	16,330	731	2,080
20 TO 24	1,641	217	241	1,396	586	569	1,321	17,795	568	1,096
25 TO 29	768	159	156	842	253	181	975	8,027	240	1,125
30 TO 34	690	98	116	736	156	123	796	7,115	173	908
35 TO 39	525	68	68	329	75	79	506	5,093	136	795
40 OR MORE	157	26	21	151	55	53	295	2,918	125	1,200
NO REPORT	2,314	219	910	961	287	329	2,604	10,535	1,518	9,469
CHEMISTRY	1,427	216	76	2,145	418	185	2,973	52,339	5,943	8,836
1 OR LESS	66	8	1	98	33	5	205	1,767	415	530
2 TO 4	196	21	6	221	66	16	306	6,228	892	1,125
5 TO 9	215	21	5	296	68	14	356	7,576	917	889
10 TO 14	199	71	11	312	55	16	232	4,137	268	580
15 TO 19	219	26	9	365	47	22	231	4,166	237	535
20 TO 24	190	21	5	269	56	23	226	5,066	195	516
25 TO 29	133	23	12	175	63	23	158	3,956	83	369
30 TO 34	116	18	9	90	35	17	135	3,412	56	376
35 TO 39	52	16	3	63	19	9	56	1,852	47	288
40 OR MORE	19	5	2	21	8	1	36	566	43	530
NO REPORT	290	40	16	326	63	57	625	8,776	598	2,673
EARTH & MARINE SCIENCES	2,665	657	221	625	660	459	1,275	15,762	536	2,561
1 OR LESS	45	11	7	29	27	18	68	411	73	150
2 TO 4	263	72	50	86	60	75	257	1,572	136	612
5 TO 9	580	112	55	141	88	74	265	1,865	58	576
10 TO 14	626	159	60	110	101	97	187	2,760	56	523
15 TO 19	676	111	50	71	61	65	164	2,703	47	271
20 TO 24	603	78	22	70	35	51	138	2,275	35	286
25 TO 29	256	66	15	53	29	28	66	625	17	89
30 TO 34	133	27	5	21	12	16	60	735	13	123
35 TO 39	61	19	7	6	8	6	26	575	12	75
40 OR MORE	56	11	3	7	9	6	26	396	11	98
NO REPORT	126	35	11	42	19	22	90	766	65	362
ATMOSPHERIC & SPACE SCIENCES	404	159	25	917	366	93	1,776	656	78	589
1 OR LESS	7	2	------	16	9	3	77	28	7	33
2 TO 4	66	6	3	65	17	5	219	67	16	67
5 TO 9	63	8	2	79	28	6	269	95	16	73
10 TO 14	58	15	3	75	62	8	272	82	7	52
15 TO 19	55	16	2	73	61	9	285	71	5	68
20 TO 24	73	18	5	77	58	11	179	60	9	65
25 TO 29	67	28	8	66	87	16	251	137	6	50
30 TO 34	31	8	1	23	36	2	119	47	4	28
35 TO 39	8	6	1	6	15	------	71	9	------	15
40 OR MORE	5	5	1	2	6	5	17	8	------	28
NO REPORT	66	10	1	45	21	5	171	67	10	176
PHYSICS	438	62	18	4,395	411	186	1,615	13,506	1,319	4,469
1 OR LESS	9	1	1	150	6	5	117	652	117	517
2 TO 4	63	6	1	626	52	7	356	1,783	295	845
5 TO 9	88	7	2	1,081	76	13	396	2,609	211	763
10 TO 14	72	15	5	787	90	23	290	1,733	87	526
15 TO 19	71	8	1	566	60	21	169	1,338	45	217
20 TO 24	66	11	6	621	93	19	119	835	30	145
25 TO 29	52	6	2	211	60	6	65	672	12	77
30 TO 34	27	4	1	129	25	6	67	631	16	91
35 TO 39	11	1	1	52	9	5	20	236	19	70
40 OR MORE	2	------	------	66	62	------	25	262	19	125
NO REPORT	25	5	------	576	19	5	291	871	187	1,637
MATHEMATICS	150	63	27	781	426	191	1,552	15,066	966	5,191
1 OR LESS	------	------	------	2	1	1	22	181	57	53
2 TO 4	12	8	1	89	52	20	175	2,150	287	696
5 TO 9	66	15	9	178	86	60	252	5,653	296	877
10 TO 14	33	16	2	186	65	57	185	2,566	111	557
15 TO 19	17	8	7	150	62	33	130	1,622	69	239
20 TO 24	18	6	2	60	55	20	88	1,169	63	206
25 TO 29	7	1	------	56	16	7	69	607	18	85
30 TO 34	5	2	------	20	16	6	59	668	26	91
35 TO 39	2	5	2	5	5	6	16	573	10	65
40 OR MORE	------	------	------	12	6	------	16	242	12	119
NO REPORT	12	4	4	55	26	16	63	879	61	571

TABLE B-41. NUMBER OF SCIENTISTS RECEIVING FEDERAL SUPPORT, BY FIELD, YEARS OF PROFESSIONAL EXPERIENCE, AND PROGRAM, 1970--CONTINUED

SCIENTIFIC AND TECHNICAL FIELD AND YEARS OF PROFESSIONAL EXPERIENCE	TOTAL	NUMBER RECEIVING SUPPORT	GOVERNMENTAL PROGRAMS						
			AGRICULTURE	ATOMIC ENERGY	DEFENSE	EDUCATION	HEALTH	HOUSING	INTERNA-TIONAL
COMPUTER SCIENCES	11,326	4,980	69	407	2,871	448	449	57	59
1 OR LESS	21	7	------	------	8	------	------	------	------
2 TO 4	1,747	735	7	58	435	63	54	1	3
5 TO 9	3,729	1,599	19	126	850	148	141	17	18
10 TO 14	2,622	1,181	22	98	671	103	107	18	11
15 TO 19	1,302	625	7	58	393	47	50	7	14
20 TO 24	711	369	7	23	215	40	30	3	6
25 TO 29	219	125	2	16	73	10	12	6	------
30 TO 34	103	98	1	4	36	5	4	------	2
35 TO 39	32	17	------	------	13	------	1	------	------
40 OR MORE	13	4	1	------	2	------	------	------	------
NO REPORT	831	319	3	23	179	32	50	5	5
AGRICULTURAL SCIENCES	15,730	10,420	5,093	93	286	415	207	129	197
1 OR LESS	179	83	43	------	8	2	3	------	7
2 TO 4	1,763	1,099	445	9	45	58	20	8	9
5 TO 9	2,990	1,810	760	8	35	69	33	20	15
10 TO 14	2,336	1,706	834	10	35	65	33	25	22
15 TO 19	1,753	1,182	587	14	16	52	18	8	22
20 TO 24	1,726	1,137	625	16	20	42	18	14	30
25 TO 29	619	411	226	3	12	22	9	7	14
30 TO 34	636	426	251	7	9	22	10	12	15
35 TO 39	361	258	167	2	12	6	11	4	11
40 OR MORE	171	91	49	3	1	8	2	1	7
NO REPORT	3,698	2,217	1,106	21	93	69	50	30	45
BIOLOGICAL SCIENCES	47,493	25,186	5,069	997	1,442	3,922	13,852	76	357
1 OR LESS	1,199	607	110	18	40	37	356	1	3
2 TO 4	6,118	3,076	596	105	166	999	1,504	6	22
5 TO 9	8,321	4,429	817	157	230	637	2,405	10	40
10 TO 14	6,773	3,767	601	141	180	503	2,139	9	47
15 TO 19	5,550	3,188	582	125	183	419	1,959	5	46
20 TO 24	4,343	2,529	525	114	174	323	1,487	6	55
25 TO 29	2,232	1,271	264	53	84	191	706	4	29
30 TO 34	1,897	1,036	220	67	71	158	631	3	30
35 TO 39	1,120	584	126	28	28	70	332	3	29
40 OR MORE	865	401	85	17	21	55	215	3	14
NO REPORT	9,195	4,296	1,143	182	265	530	1,965	26	55
PSYCHOLOGY	26,271	10,060	38	23	1,150	4,342	3,929	76	132
1 OR LESS	552	179	------	------	21	57	88	1	1
2 TO 4	3,340	1,237	3	2	141	476	524	6	8
5 TO 9	5,102	2,050	10	3	200	838	901	15	25
10 TO 14	4,244	1,785	4	6	186	852	659	10	23
15 TO 19	3,861	1,591	7	4	198	716	610	12	23
20 TO 24	2,786	1,097	6	4	161	495	378	7	15
25 TO 29	1,048	636	1	1	55	197	130	4	5
30 TO 34	883	329	1	2	29	152	126	5	14
35 TO 39	493	155	------	------	12	78	52	2	3
40 OR MORE	686	116	1	------	13	58	29	1	3
NO REPORT	3,500	1,087	5	1	136	427	430	11	12
STATISTICS	2,953	1,553	91	62	425	169	533	35	31
1 OR LESS	50	19	------	------	6	2	8	------	------
2 TO 4	509	221	9	8	50	29	89	3	2
5 TO 9	622	320	16	13	81	38	116	6	7
10 TO 14	491	257	11	10	88	29	83	4	6
15 TO 19	369	196	9	12	66	14	58	3	1
20 TO 24	317	197	18	9	47	28	62	8	1
25 TO 29	153	99	6	3	25	10	37	2	4
30 TO 34	167	119	9	5	25	9	44	6	6
35 TO 39	57	26	4	------	5	2	11	------	2
40 OR MORE	38	11	3	------	5	------	2	------	------
NO REPORT	200	92	6	2	27	8	23	3	2
ECONOMICS	13,386	4,660	1,251	47	398	606	313	264	625
1 OR LESS	446	131	31	------	13	12	8	9	16
2 TO 4	2,102	686	132	6	78	85	61	36	86
5 TO 9	2,603	927	220	4	45	105	90	57	107
10 TO 14	1,807	714	236	8	45	111	41	40	92
15 TO 19	1,336	496	120	6	69	66	29	21	69
20 TO 24	1,605	508	180	8	58	78	45	32	101
25 TO 29	696	276	79	4	19	31	11	16	47
30 TO 34	658	253	77	6	25	58	12	9	53
35 TO 39	378	128	53	------	8	17	9	6	22
40 OR MORE	356	69	18	------	3	9	2	4	16
NO REPORT	1,421	394	89	5	35	56	27	29	38

TABLE A-41. NUMBER OF SCIENTISTS RECEIVING FEDERAL SUPPORT, BY FIELD, YEARS OF PROFESSIONAL EXPERIENCE, AND PROGRAM, 1970--CONTINUED

SCIENTIFIC AND TECHNICAL FIELD AND YEARS OF PROFESSIONAL EXPERIENCE	GOVERNMENTAL PROGRAMS							NO SUPPORT	SUPPORT STATUS UNKNOWN	NO REPORT
	NATURAL RESOURCES	PUBLIC WORKS	RURAL DEVELOPMENT	SPACE	TRANS-PORTATION	URBAN DEVELOPMENT	OTHER			
COMPUTER SCIENCES - - - - - -	164	76	26	1,077	325	161	469	5,267	324	977
1 OR LESS - - - - - - - - - - - -	-------	-------	-------	1	1	-------	1	11	-------	3
2 TO 4 - - - - - - - - - - - - -	15	8	2	129	36	15	56	744	92	178
5 TO 9 - - - - - - - - - - - - -	65	28	9	338	92	42	196	1,731	126	343
10 TO 14 - - - - - - - - - - - -	38	22	8	270	96	44	90	1,200	53	188
15 TO 19 - - - - - - - - - - - -	15	9	3	144	37	25	39	568	24	85
20 TO 24 - - - - - - - - - - - -	7	2	1	79	17	12	25	310	11	42
25 TO 29 - - - - - - - - - - - -	6	2	1	50	15	6	10	67	1	23
30 TO 34 - - - - - - - - - - - -	5	-------	-------	11	8	6	10	37	-------	7
35 TO 39 - - - - - - - - - - - -	-------	-------	-------	4	-------	-------	1	16	-------	1
40 OR MORE - - - - - - - - - - -	1	-------	-------	-------	-------	-------	-------	6	-------	0
NO REPORT - - - - - - - - - - -	12	5	2	65	29	16	37	582	29	105
AGRICULTURAL SCIENCES - - - -	5,358	256	824	48	111	291	1,080	4,176	214	927
1 OR LESS - - - - - - - - - - - -	26	-------	3	1	-------	-------	12	59	10	27
2 TO 4 - - - - - - - - - - - - -	586	10	67	4	13	16	116	464	52	119
5 TO 9 - - - - - - - - - - - - -	1,012	37	119	10	13	97	229	629	41	117
10 TO 14 - - - - - - - - - - - -	913	65	166	9	19	41	167	520	19	91
15 TO 19 - - - - - - - - - - - -	658	27	111	4	11	61	113	492	19	65
20 TO 24 - - - - - - - - - - - -	615	26	97	8	12	36	81	511	8	73
25 TO 29 - - - - - - - - - - - -	211	11	65	4	5	18	76	189	2	23
30 TO 34 - - - - - - - - - - - -	204	15	51	1	6	16	57	170	2	16
35 TO 39 - - - - - - - - - - - -	121	15	33	1	6	21	20	79	2	26
40 OR MORE - - - - - - - - - - -	37	2	5	-------	1	1	6	56	2	22
NO REPORT - - - - - - - - - - -	1,004	48	107	6	26	66	203	1,007	47	348
BIOLOGICAL SCIENCES - - - - -	2,287	146	182	564	91	150	2,300	16,562	1,519	4,529
1 OR LESS - - - - - - - - - - - -	46	2	1	8	-------	1	56	365	56	111
2 TO 4 - - - - - - - - - - - - -	317	18	15	60	7	13	298	1,972	345	725
5 TO 9 - - - - - - - - - - - - -	606	25	21	97	16	22	556	2,843	276	779
10 TO 14 - - - - - - - - - - - -	508	17	17	75	16	19	517	2,562	143	521
15 TO 19 - - - - - - - - - - - -	266	19	21	70	11	13	328	1,965	97	420
20 TO 24 - - - - - - - - - - - -	226	17	22	59	8	18	326	1,451	65	318
25 TO 29 - - - - - - - - - - - -	91	18	15	37	9	16	156	765	29	188
30 TO 34 - - - - - - - - - - - -	90	5	16	22	3	6	86	606	37	149
35 TO 39 - - - - - - - - - - - -	46	5	5	13	5	7	69	418	17	155
40 OR MORE - - - - - - - - - - -	29	2	6	10	4	6	60	357	13	116
NO REPORT - - - - - - - - - - -	668	28	69	93	18	33	516	3,605	247	1,512
PSYCHOLOGY - - - - - - - - - -	44	25	67	213	182	280	1,595	12,403	1,390	2,010
1 OR LESS - - - - - - - - - - - -	-------	-------	-------	6	1	4	50	269	56	93
2 TO 4 - - - - - - - - - - - - -	1	2	6	18	21	25	190	1,548	280	225
5 TO 9 - - - - - - - - - - - - -	8	1	11	61	29	44	298	2,406	299	267
10 TO 14 - - - - - - - - - - - -	6	1	7	60	50	50	250	2,086	199	176
15 TO 19 - - - - - - - - - - - -	13	9	9	37	40	45	227	1,961	167	162
20 TO 24 - - - - - - - - - - - -	6	-------	6	29	55	55	162	1,455	116	118
25 TO 29 - - - - - - - - - - - -	3	1	2	12	7	10	95	516	60	52
30 TO 34 - - - - - - - - - - - -	2	5	2	6	5	13	72	462	25	67
35 TO 39 - - - - - - - - - - - -	-------	-------	-------	1	3	6	50	275	20	63
40 OR MORE - - - - - - - - - - -	-------	1	1	2	-------	2	26	231	16	121
NO REPORT - - - - - - - - - - -	5	6	9	21	23	26	175	1,486	178	751
STATISTICS - - - - - - - - - -	48	8	10	83	77	38	289	991	79	383
1 OR LESS - - - - - - - - - - - -	3	-------	-------	-------	1	-------	-------	23	6	7
2 TO 4 - - - - - - - - - - - - -	6	-------	1	10	9	3	38	176	30	86
5 TO 9 - - - - - - - - - - - - -	10	3	1	18	16	5	69	200	16	86
10 TO 14 - - - - - - - - - - - -	11	-------	2	16	11	6	46	179	13	69
15 TO 19 - - - - - - - - - - - -	7	-------	2	18	10	11	50	131	5	19
20 TO 24 - - - - - - - - - - - -	5	2	1	9	11	5	43	106	1	18
25 TO 29 - - - - - - - - - - - -	1	1	1	4	5	-------	21	66	3	7
30 TO 34 - - - - - - - - - - - -	1	1	1	1	5	5	37	92	-------	16
35 TO 39 - - - - - - - - - - - -	1	-------	-------	1	-------	1	3	22	3	8
40 OR MORE - - - - - - - - - - -	1	-------	-------	-------	1	-------	1	15	1	11
NO REPORT - - - - - - - - - - -	2	1	1	6	10	2	21	69	5	56
ECONOMICS - - - - - - - - - - -	556	190	383	86	332	467	1,187	7,406	322	1,005
1 OR LESS - - - - - - - - - - - -	17	9	10	1	6	10	29	237	25	53
2 TO 4 - - - - - - - - - - - - -	76	25	47	5	96	76	176	1,169	107	160
5 TO 9 - - - - - - - - - - - - -	118	36	88	10	60	111	293	1,650	75	163
10 TO 14 - - - - - - - - - - - -	86	38	69	10	61	65	163	966	32	75
15 TO 19 - - - - - - - - - - - -	71	25	61	14	61	57	126	775	18	49
20 TO 24 - - - - - - - - - - - -	59	20	51	12	50	63	150	962	15	65
25 TO 29 - - - - - - - - - - - -	31	9	19	6	15	26	81	507	6	27
30 TO 34 - - - - - - - - - - - -	27	18	19	8	10	20	81	368	8	29
35 TO 39 - - - - - - - - - - - -	15	6	9	1	6	16	32	215	3	32
40 OR MORE - - - - - - - - - - -	7	2	3	-------	7	6	21	209	6	72
NO REPORT - - - - - - - - - - -	49	16	25	11	31	59	110	678	29	520

TABLE B-61. NUMBER OF SCIENTISTS RECEIVING FEDERAL SUPPORT, BY FIELD, YEARS OF PROFESSIONAL EXPERIENCE, AND PROGRAM, 1970--CONTINUED

SCIENTIFIC AND TECHNICAL FIELD AND YEARS OF PROFESSIONAL EXPERIENCE	TOTAL	NUMBER RECEIVING SUPPORT	GOVERNMENTAL PROGRAMS						
			AGRICULTURE	ATOMIC ENERGY	DEFENSE	EDUCATION	HEALTH	HOUSING	INTERNATIONAL
SOCIOLOGY	7,658	2,297	104	5	79	677	886	123	114
1 OR LESS	497	137	5	------	9	74	93	6	8
2 TO 4	1,674	486	27	1	29	158	188	23	34
5 TO 9	1,436	498	35	1	17	138	187	26	37
10 TO 14	905	318	20	------	5	95	126	23	27
15 TO 19	627	261	17	------	13	75	118	15	12
20 TO 24	562	209	22	------	8	65	77	10	18
25 TO 29	291	81	12	1	9	31	26	6	11
30 TO 34	253	62	10	------	1	25	13	4	17
35 TO 39	124	29	4	------	------	7	9	2	4
40 OR MORE	95	25	6	------	------	6	8	------	1
NO REPORT	1,704	270	11	------	5	61	115	15	11
POLITICAL SCIENCE	6,498	1,516	40	19	268	478	156	110	276
1 OR LESS	462	88	------	1	15	15	4	4	11
2 TO 4	1,459	298	8	9	56	88	50	14	56
5 TO 9	1,715	292	8	5	49	95	39	27	47
10 TO 14	656	163	5	------	37	45	11	8	52
15 TO 19	565	169	6	2	22	48	18	15	59
20 TO 24	480	136	9	------	20	39	14	11	37
25 TO 29	211	85	5	5	22	16	9	6	22
30 TO 34	226	80	2	2	15	22	15	4	25
35 TO 39	118	26	1	------	6	7	2	2	6
40 OR MORE	108	15	------	------	2	2	5	1	4
NO REPORT	1,598	196	4	9	31	54	23	16	44
ANTHROPOLOGY	1,325	417	16	5	17	101	195	6	95
1 OR LESS	86	5	1	------	1	2	5	------	------
2 TO 4	159	56	6	2	------	9	16	1	2
5 TO 9	227	66	2	------	1	16	28	1	6
10 TO 14	212	88	6	------	3	28	37	------	8
15 TO 19	126	66	2	------	5	5	16	2	8
20 TO 24	113	36	1	------	6	8	9	2	1
25 TO 29	63	13	------	------	1	3	7	------	3
30 TO 34	63	15	1	------	------	2	5	------	4
35 TO 39	42	8	------	------	------	7	7	------	------
40 OR MORE	48	12	------	------	------	4	2	------	1
NO REPORT	595	56	2	1	2	25	26	------	5
LINGUISTICS	1,912	505	2	------	70	152	46	------	43
1 OR LESS	57	16	------	------	6	4	3	------	1
2 TO 4	278	56	------	------	15	22	8	------	3
5 TO 9	352	73	------	------	8	41	7	------	8
10 TO 14	299	77	1	------	10	37	15	------	13
15 TO 19	163	32	------	------	9	16	------	------	9
20 TO 24	135	28	------	------	6	19	3	------	------
25 TO 29	70	13	1	------	2	6	------	------	2
30 TO 34	62	9	------	------	3	4	------	------	1
35 TO 39	61	9	------	------	------	5	1	------	2
40 OR MORE	47	5	------	------	1	6	------	------	1
NO REPORT	416	70	------	------	12	31	9	------	8

[1]OF THIS NUMBER, 20,810 SCIENTISTS REPORTED SUPPORT FROM MORE THAN 1 FEDERAL PROGRAM, HENCE THE COLUMNS GIVING NUMBER OF SCIENTISTS BY PROGRAM DO NOT ADD TO TOTAL.

SOURCE - NATIONAL REGISTER OF SCIENTIFIC AND TECHNICAL PERSONNEL, 1970.

TABLE B-41. NUMBER OF SCIENTISTS RECEIVING FEDERAL SUPPORT, BY FIELD, YEARS OF PROFESSIONAL EXPERIENCE, AND PROGRAM, 1970--CONTINUED

SCIENTIFIC AND TECHNICAL FIELD AND YEARS OF PROFESSIONAL EXPERIENCE	GOVERNMENTAL PROGRAMS							NO SUPPORT	SUPPORT STATUS UNKNOWN	NO REPORT
	NATURAL RESOURCES	PUBLIC WORKS	RURAL DEVELOPMENT	SPACE	TRANS-PORTATION	URBAN DEVELOPMENT	OTHER			
SOCIOLOGY	65	29	119	14	47	287	568	3,996	364	1,117
1 OR LESS	3	1	9	1	2	14	24	293	44	171
2 TO 4	14	8	16	1	7	49	106	865	109	216
5 TO 9	13	6	23	5	15	57	114	744	54	116
10 TO 14	9	6	12	2	10	39	88	496	90	79
15 TO 19	5	3	11	1	4	37	58	376	7	95
20 TO 24	6	1	15	1	4	31	53	319	12	52
25 TO 29	5	1	8	1	2	9	26	150	4	11
30 TO 34	2	2	6	------	1	8	16	129	1	15
35 TO 39	1	------	5	------	------	6	6	79	3	13
40 OR MORE	------	------	------	------	------	3	7	57	2	15
NO REPORT	7	1	14	2	2	34	70	488	38	334
POLITICAL SCIENCE	80	44	73	49	89	219	388	4,049	182	702
1 OR LESS	7	2	4	3	2	11	36	259	24	80
2 TO 4	11	11	14	9	10	40	65	889	65	186
5 TO 9	16	9	15	6	17	43	64	811	37	100
10 TO 14	7	4	3	3	8	19	43	639	4	48
15 TO 19	8	4	9	5	14	30	40	340	14	28
20 TO 24	5	8	11	5	8	24	35	312	3	29
25 TO 29	3	------	4	7	8	15	16	106	3	17
30 TO 34	6	1	3	4	7	5	27	128	6	9
35 TO 39	2	1	2	1	1	4	4	81	3	10
40 OR MORE	------	------	------	2	1	2	7	70	2	21
NO REPORT	10	4	8	4	13	26	51	647	21	174
ANTHROPOLOGY	24	9	27	5	9	23	139	715	26	167
1 OR LESS	------	------	1	------	------	1	------	10	------	1
2 TO 4	1	1	4	2	1	2	10	88	5	17
5 TO 9	6	------	4	1	------	5	15	137	9	15
10 TO 14	3	1	6	------	3	3	27	87	3	24
15 TO 19	5	1	5	1	3	5	14	70	------	10
20 TO 24	6	3	1	1	1	------	12	68	2	7
25 TO 29	------	------	1	------	------	------	5	29	------	1
30 TO 34	------	2	2	------	------	1	4	21	------	7
35 TO 39	------	------	------	------	------	------	5	24	1	7
40 OR MORE	------	------	------	------	------	------	6	17	3	16
NO REPORT	3	1	3	------	1	6	41	164	3	67
LINGUISTICS	3	3	1	6	2	7	82	1,138	102	279
1 OR LESS	------	------	------	------	------	------	4	27	5	11
2 TO 4	1	1	------	1	------	2	14	157	21	44
5 TO 9	------	------	------	1	1	3	18	216	27	35
10 TO 14	2	2	1	1	1	------	12	185	8	19
15 TO 19	------	------	------	1	------	------	5	117	6	9
20 TO 24	------	------	------	------	------	1	4	95	6	6
25 TO 29	------	------	------	------	------	------	2	55	3	1
30 TO 34	------	------	------	------	------	------	1	51	1	1
35 TO 39	------	------	------	------	------	------	3	27	2	3
40 OR MORE	------	------	------	1	------	------	1	31	2	4
NO REPORT	------	------	------	1	------	1	18	177	21	146

TABLE [illegible]. PRIMARY AND SECONDARY WORK ACTIVITY OF SCIENTISTS EMPLOYED BY UNIVERSITIES AND COLLEGES, BY HIGHEST DEGREE, 1970

HIGHEST DEGREE AND PRIMARY WORK ACTIVITY	TOTAL	SECONDARY WORK ACTIVITY										NOT EMPLOYED	NO REPORT OF WORK ACTIVITY
		RESEARCH AND DEVELOPMENT			MANAGEMENT OR ADMINISTRATION		TEACHING	PRODUCTION AND INSPECTION	CONSULTING	EXPLORATION, FORECASTING, REPORTING	OTHER		
		TOTAL (R&D)	BASIC RESEARCH	APPLIED RESEARCH	TOTAL (M&A)	MGMT OF R&D							
ALL DEGREES	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	—	[illegible]
RESEARCH AND DEVELOPMENT (R&D)	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	—	[illegible]
BASIC RESEARCH	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	—	[illegible]
APPLIED RESEARCH	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	—	[illegible]
MANAGEMENT OR ADMINISTRATION (M&A)	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	—	[illegible]
MGMT OR ADMIN OF RESEARCH & DEVELOPMENT	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	—	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	—	[illegible]
TEACHING	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	—	[illegible]	[illegible]	[illegible]	[illegible]	—	[illegible]
PRODUCTION & INSPECTION	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	—	[illegible]
CONSULTING	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	—	[illegible]
EXPLORATION, FORECASTING, AND REPORTING	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	—	[illegible]
OTHER	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	—	[illegible]
NOT EMPLOYED	—	—	—	—	—	—	—	—	—	—	—	—	—
NO REPORT	[illegible]	—	—	—	—	—	—	—	—	—	—	—	[illegible]
DOCTORATE DEGREE	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	—	[illegible]
RESEARCH AND DEVELOPMENT (R&D)	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	—	[illegible]
BASIC RESEARCH	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	—	[illegible]
APPLIED RESEARCH	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	—	[illegible]
MANAGEMENT OR ADMINISTRATION (M&A)	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	—	[illegible]
MGMT OR ADMIN OF RESEARCH & DEVELOPMENT	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	—	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	—	[illegible]
TEACHING	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	—	[illegible]	[illegible]	[illegible]	[illegible]	—	[illegible]
PRODUCTION & INSPECTION	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	—	[illegible]
CONSULTING	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	—	[illegible]
EXPLORATION, FORECASTING, AND REPORTING	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	—	[illegible]	[illegible]	[illegible]	—	[illegible]
OTHER	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	—	[illegible]
NOT EMPLOYED	—	—	—	—	—	—	—	—	—	—	—	—	—
NO REPORT	[illegible]	—	—	—	—	—	—	—	—	—	—	—	[illegible]
PROFESSIONAL MEDICAL DEGREE	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	—	[illegible]
RESEARCH AND DEVELOPMENT (R&D)	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	—	[illegible]
BASIC RESEARCH	[illegible]	[illegible]	—	[illegible]	[illegible]	[illegible]	[illegible]	—	[illegible]	[illegible]	[illegible]	—	[illegible]
APPLIED RESEARCH	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	—	[illegible]
MANAGEMENT OR ADMINISTRATION (M&A)	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	—	—	[illegible]
MGMT OR ADMIN OF RESEARCH & DEVELOPMENT	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	—	[illegible]	—	[illegible]	[illegible]	—	—	[illegible]
TEACHING	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	—	[illegible]	[illegible]	[illegible]	[illegible]	—	[illegible]
PRODUCTION & INSPECTION	[illegible]	[illegible]	—	[illegible]	[illegible]	[illegible]	[illegible]	—	—	—	—	—	—
CONSULTING	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	—	—	[illegible]	[illegible]	—	[illegible]
EXPLORATION, FORECASTING, AND REPORTING	[illegible]	—	—	—	—	—	[illegible]	—	—	—	—	—	[illegible]
OTHER	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	—	—	[illegible]	—	—	[illegible]
NOT EMPLOYED	—	—	—	—	—	—	—	—	—	—	—	—	—
NO REPORT	[illegible]	—	—	—	—	—	—	—	—	—	—	—	[illegible]
MASTER'S DEGREE	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	—	[illegible]
RESEARCH AND DEVELOPMENT (R&D)	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	—	[illegible]
BASIC RESEARCH	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	—	[illegible]
APPLIED RESEARCH	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	—	[illegible]
MANAGEMENT OR ADMINISTRATION (M&A)	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	—	[illegible]
MGMT OR ADMIN OF RESEARCH & DEVELOPMENT	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	—	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	—	[illegible]
TEACHING	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	—	[illegible]	[illegible]	[illegible]	[illegible]	—	[illegible]
PRODUCTION & INSPECTION	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	—	[illegible]	[illegible]	[illegible]	—	[illegible]
CONSULTING	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	—	[illegible]
EXPLORATION, FORECASTING, AND REPORTING	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	—	[illegible]	[illegible]	[illegible]	—	[illegible]
OTHER	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	—	[illegible]
NOT EMPLOYED	—	—	—	—	—	—	—	—	—	—	—	—	—
NO REPORT	[illegible]	—	—	—	—	—	—	—	—	—	—	—	[illegible]

TABLE [illegible]. PRIMARY AND SECONDARY WORK ACTIVITY OF SCIENTISTS EMPLOYED BY UNIVERSITIES AND COLLEGES, BY HIGHEST DEGREE, 1970--CONTINUED

HIGHEST DEGREE AND PRIMARY WORK ACTIVITY	TOTAL	SECONDARY WORK ACTIVITY: RESEARCH AND DEVELOPMENT			MANAGEMENT OR ADMINISTRATION		TEACHING	PRO-DUCTION AND INSPEC-TION	CON-SULTING	EXPLORA-TION, FORE-CASTING, REPORTING	OTHER	NOT EMPLOYED	NO REPORT OF WORK ACTIVITY
		TOTAL R&D	BASIC RESEARCH	APPLIED RESEARCH	TOTAL M&A	OF R&D							
BACHELOR'S DEGREE - -	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	———	[illegible]
RESEARCH AND DEVELOPMENT (R&D) - - - -	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	———	[illegible]
BASIC RESEARCH - - - -	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	———	[illegible]
APPLIED RESEARCH - - -	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	———	[illegible]
MANAGEMENT OR ADMINISTRATION (M&A) - -	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	———	[illegible]
MGMT OR ADMIN OF RE-SEARCH & DEVELOPMENT	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	———	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	———	[illegible]
TEACHING - - - - - - - -	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	———	[illegible]	[illegible]	[illegible]	[illegible]	———	[illegible]
PRODUCTION & INSPECTION	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	———	[illegible]
CONSULTING - - - - - - -	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	———	[illegible]
EXPLORATION, FORECAST-ING, AND REPORTING - -	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	———	[illegible]
OTHER - - - - - - - - -	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	———	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	———	[illegible]
NOT EMPLOYED - - - - - -	———	———	———	———	———	———	———	———	———	———	———	———	———
NO REPORT - - - - - - -	[illegible]	———	———	———	———	———	———	———	———	———	———	———	[illegible]
LESS THAN BACHELOR'S DEGREE - - - - - - -	[illegible]	[illegible]	[illegible]	———	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	———	———	———	[illegible]
RESEARCH AND DEVELOPMENT (R&D) - - - -	[illegible]	———	———	———	[illegible]	[illegible]	[illegible]	———	———	———	———	———	[illegible]
BASIC RESEARCH - - - -	[illegible]	———	———	———	———	———	[illegible]	———	———	———	———	———	———
APPLIED RESEARCH - - -	[illegible]	———	———	———	[illegible]	[illegible]	[illegible]	———	———	———	———	———	[illegible]
MANAGEMENT OR ADMINISTRATION (M&A) - -	[illegible]	[illegible]	[illegible]	———	———	———	———	———	———	———	———	———	[illegible]
MGMT OR ADMIN OF RE-SEARCH & DEVELOPMENT	[illegible]	[illegible]	[illegible]	———	———	———	———	———	———	———	———	———	———
TEACHING - - - - - - - -	[illegible]	———	———	———	———	———	———	———	[illegible]	———	———	———	[illegible]
PRODUCTION & INSPECTION	[illegible]	———	———	———	———	———	———	[illegible]	[illegible]	———	———	———	———
CONSULTING - - - - - - -	[illegible]	———	———	———	[illegible]	[illegible]	———	———	———	———	———	———	———
EXPLORATION, FORECAST-ING, AND REPORTING - -	———	———	———	———	———	———	———	———	———	———	———	———	———
OTHER - - - - - - - - -	[illegible]	———	———	———	[illegible]	[illegible]	———	———	———	———	———	———	[illegible]
NOT EMPLOYED - - - - - -	———	———	———	———	———	———	———	———	———	———	———	———	———
NO REPORT - - - - - - -	———	———	———	———	———	———	———	———	———	———	———	———	———
NO REPORT OF DEGREE -	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	———	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	———	[illegible]
RESEARCH AND DEVELOPMENT (R&D) - - - -	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	———	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	———	[illegible]
BASIC RESEARCH - - - -	[illegible]	[illegible]	———	[illegible]	———	———	[illegible]	———	[illegible]	[illegible]	[illegible]	———	[illegible]
APPLIED RESEARCH - - -	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	———	[illegible]	[illegible]	———	[illegible]	———	———	[illegible]
MANAGEMENT OR ADMINISTRATION (M&A) - -	[illegible]	[illegible]	[illegible]	[illegible]	———	———	[illegible]	[illegible]	[illegible]	———	———	———	[illegible]
MGMT OR ADMIN OF RE-SEARCH & DEVELOPMENT	[illegible]	[illegible]	[illegible]	[illegible]	———	———	[illegible]	[illegible]	———	———	———	———	———
TEACHING - - - - - - - -	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	———	———	———	[illegible]	[illegible]	[illegible]	———	[illegible]
PRODUCTION & INSPECTION	[illegible]	[illegible]	———	[illegible]	———	———	[illegible]	———	———	———	———	———	———
CONSULTING - - - - - - -	[illegible]	[illegible]	———	[illegible]	[illegible]	———	———	———	———	———	———	———	[illegible]
EXPLORATION, FORECAST-ING, AND REPORTING - -	[illegible]	———	———	———	[illegible]	———	[illegible]	———	———	———	———	———	———
OTHER - - - - - - - - -	[illegible]	[illegible]	———	[illegible]	———	———	———	———	———	———	———	———	[illegible]
NOT EMPLOYED - - - - - -	———	———	———	———	———	———	———	———	———	———	———	———	———
NO REPORT - - - - - - -	[illegible]	———	———	———	———	———	———	———	———	———	———	———	[illegible]

[1] INCLUDES DEVELOPMENT OR DESIGN.
[2] INCLUDES MANAGEMENT OR ADMINISTRATION OF OTHER THAN RESEARCH AND DEVELOPMENT.

SOURCE - NATIONAL REGISTER OF SCIENTIFIC AND TECHNICAL PERSONNEL, 1970.

TABLE A-41. PRIMARY AND SECONDARY WORK ACTIVITY OF SCIENTISTS EMPLOYED IN [illegible] AND [illegible], BY FIELD, [illegible]

SCIENTIFIC AND TECHNICAL FIELD AND PRIMARY WORK ACTIVITY	TOTAL	SECONDARY WORK ACTIVITY										NOT EMPLOYED	NO REPORT OF WORK ACTIVITY
		RESEARCH AND DEVELOPMENT			MANAGEMENT OR ADMINISTRATION		TEACHING	PRODUCTION AND INSPECTION	CONSULTING	EXPLORATION, FORECASTING, AND REPORTING	OTHER		
		TOTAL R&D	BASIC RESEARCH	APPLIED RESEARCH	TOTAL	OF R&D							
ALL FIELDS	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	———	[illegible]
RESEARCH AND DEVELOPMENT [illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	———	[illegible]
BASIC RESEARCH	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	———	[illegible]
APPLIED RESEARCH	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	———	[illegible]
MANAGEMENT OR ADMINISTRATION [illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	———	[illegible]
MGMT OR ADMIN OF RESEARCH & DEVELOPMENT	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	———	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	———	[illegible]
TEACHING	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	———	[illegible]	[illegible]	[illegible]	[illegible]	———	[illegible]
PRODUCTION & INSPECTION	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	———	[illegible]
CONSULTING	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	———	[illegible]
EXPLORATION, FORECASTING, AND REPORTING	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	———	[illegible]
OTHER	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	———	[illegible]
NOT EMPLOYED	———	———	———	———	———	———	———	———	———	———	———	———	———
NO REPORT	[illegible]	———	———	———	———	———	———	———	———	———	———	———	[illegible]
CHEMISTRY	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	———	[illegible]
RESEARCH AND DEVELOPMENT [illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	———	[illegible]
BASIC RESEARCH	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	———	[illegible]
APPLIED RESEARCH	[illegible]	[illegible]	[illegible]	———	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	———	[illegible]
MANAGEMENT OR ADMINISTRATION [illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	———	[illegible]
MGMT OR ADMIN OF RESEARCH & DEVELOPMENT	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	———	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	———	[illegible]
TEACHING	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	———	[illegible]	[illegible]	[illegible]	[illegible]	———	[illegible]
PRODUCTION & INSPECTION	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	———	[illegible]
CONSULTING	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	———	[illegible]	[illegible]	———	[illegible]
EXPLORATION, FORECASTING, AND REPORTING	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	———	[illegible]	———	[illegible]	———	[illegible]
OTHER	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	———	[illegible]
NOT EMPLOYED	———	———	———	———	———	———	———	———	———	———	———	———	———
NO REPORT	[illegible]	———	———	———	———	———	———	———	———	———	———	———	[illegible]
EARTH & MARINE SCIENCES	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	———	[illegible]
RESEARCH AND DEVELOPMENT [illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	———	[illegible]
BASIC RESEARCH	[illegible]	[illegible]	———	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	———	[illegible]
APPLIED RESEARCH	[illegible]	[illegible]	[illegible]	———	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	———	[illegible]
MANAGEMENT OR ADMINISTRATION [illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	———	[illegible]
MGMT OR ADMIN OF RESEARCH & DEVELOPMENT	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	———	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	———	[illegible]
TEACHING	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	———	[illegible]	[illegible]	[illegible]	[illegible]	———	[illegible]
PRODUCTION & INSPECTION	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	———	———	———	———	———	[illegible]
CONSULTING	[illegible]	[illegible]	———	[illegible]	———	———	[illegible]	———	———	[illegible]	———	———	[illegible]
EXPLORATION, FORECASTING, AND REPORTING	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	———	[illegible]
OTHER	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	———	[illegible]	———	———	[illegible]	———	———	[illegible]
NOT EMPLOYED	———	———	———	———	———	———	———	———	———	———	———	———	———
NO REPORT	[illegible]	———	———	———	———	———	———	———	———	———	———	———	[illegible]
ATMOSPHERIC & SPACE SCIENCES	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	———	[illegible]
RESEARCH AND DEVELOPMENT [illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	———	[illegible]
BASIC RESEARCH	[illegible]	[illegible]	———	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	———	[illegible]
APPLIED RESEARCH	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	———	[illegible]
MANAGEMENT OR ADMINISTRATION [illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	———	[illegible]	[illegible]	———	———	[illegible]
MGMT OR ADMIN OF RESEARCH & DEVELOPMENT	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	———	[illegible]	———	[illegible]	[illegible]	———	———	[illegible]
TEACHING	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	———	[illegible]	[illegible]	[illegible]	[illegible]	———	[illegible]
PRODUCTION & INSPECTION	[illegible]	[illegible]	———	[illegible]	[illegible]	———	———	———	———	———	———	———	———
CONSULTING	[illegible]	———	———	———	———	———	[illegible]	———	———	———	———	———	———
EXPLORATION, FORECASTING, AND REPORTING	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	———	[illegible]	———	———	[illegible]	———	———	[illegible]
OTHER	[illegible]	[illegible]	[illegible]	[illegible]	———	———	[illegible]	———	———	———	———	———	[illegible]
NOT EMPLOYED	———	———	———	———	———	———	———	———	———	———	———	———	———
NO REPORT	[illegible]	———	———	———	———	———	———	———	———	———	———	———	[illegible]

[illegible]

SCIENTIFIC AND TECHNICAL FIELD AND PRIMARY WORK ACTIVITY	TOTAL	SECONDARY WORK ACTIVITY										NOT EMPLOYED	NO REPORT OF WORK ACTIVITY
		RESEARCH AND DEVELOPMENT			MANAGEMENT OR ADMINISTRATION		TEACHING	PRODUCTION AND INSPECTION	CONSULTING	EXPLORATION, FORECASTING, REPORTING	OTHER		
		TOTAL R&D	BASIC RESEARCH	APPLIED RESEARCH	TOTAL	OF R&D							
PHYSICS	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	———	[illegible]
RESEARCH AND DEVELOPMENT (R&D)	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	———	[illegible]
BASIC RESEARCH	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	———	[illegible]
APPLIED RESEARCH	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	———	[illegible]	[illegible]	[illegible]	———	[illegible]
MANAGEMENT OR ADMINISTRATION (R&D)	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	———	[illegible]
MGMT OR ADMIN OF RESEARCH & DEVELOPMENT	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	———	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	———	[illegible]
TEACHING	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	———	[illegible]	[illegible]	[illegible]	[illegible]	———	[illegible]
PRODUCTION & INSPECTION	[illegible]	[illegible]	[illegible]	———	[illegible]	———	[illegible]	———	———	———	———	———	[illegible]
CONSULTING	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	———	[illegible]	———	———	———	———	———	[illegible]
EXPLORATION, FORECASTING, AND REPORTING	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	———	[illegible]	[illegible]	[illegible]	———	[illegible]
OTHER	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	———	[illegible]	[illegible]	———	———	[illegible]
NOT EMPLOYED	———	———	———	———	———	———	———	———	———	———	———	———	———
NO REPORT	[illegible]	———	———	———	———	———	———	———	———	———	———	———	[illegible]
MATHEMATICS	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	———	[illegible]
RESEARCH AND DEVELOPMENT (R&D)	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	———	[illegible]
BASIC RESEARCH	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	———	[illegible]
APPLIED RESEARCH	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	———	[illegible]
MANAGEMENT OR ADMINISTRATION (R&D)	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	———	[illegible]
MGMT OR ADMIN OF RESEARCH & DEVELOPMENT	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	———	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	———	[illegible]
TEACHING	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	———	[illegible]	[illegible]	[illegible]	[illegible]	———	[illegible]
PRODUCTION & INSPECTION	[illegible]	[illegible]	———	[illegible]	———	———	[illegible]	———	———	[illegible]	———	———	———
CONSULTING	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	———	[illegible]	[illegible]	———	[illegible]
EXPLORATION, FORECASTING, AND REPORTING	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	———	[illegible]	[illegible]	[illegible]	———	[illegible]
OTHER	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	———	[illegible]	———	[illegible]	[illegible]	[illegible]	———	[illegible]
NOT EMPLOYED	———	———	———	———	———	———	———	———	———	———	———	———	———
NO REPORT	[illegible]	———	———	———	———	———	———	———	———	———	———	———	[illegible]
COMPUTER SCIENCES	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	———	[illegible]
RESEARCH AND DEVELOPMENT (R&D)	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	———	[illegible]
BASIC RESEARCH	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	———	[illegible]	[illegible]	[illegible]	———	[illegible]
APPLIED RESEARCH	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	———	[illegible]
MANAGEMENT OR ADMINISTRATION (R&D)	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	———	[illegible]
MGMT OR ADMIN OF RESEARCH & DEVELOPMENT	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	———	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	———	[illegible]
TEACHING	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	———	———	[illegible]	[illegible]	[illegible]	———	[illegible]
PRODUCTION & INSPECTION	[illegible]	[illegible]	———	———	———	———	———	———	———	[illegible]	———	———	———
CONSULTING	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	———	[illegible]	[illegible]	———	[illegible]	———	———	[illegible]
EXPLORATION, FORECASTING, AND REPORTING	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	———	[illegible]
OTHER	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	———	[illegible]	———	[illegible]	[illegible]	[illegible]	———	[illegible]
NOT EMPLOYED	———	———	———	———	———	———	———	———	———	———	———	———	———
NO REPORT	[illegible]	———	———	———	———	———	———	———	———	———	———	———	[illegible]
AGRICULTURAL SCIENCES	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	———	[illegible]
RESEARCH AND DEVELOPMENT (R&D)	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	———	[illegible]	[illegible]	[illegible]	———	[illegible]
BASIC RESEARCH	[illegible]	[illegible]	———	[illegible]	[illegible]	[illegible]	[illegible]	———	———	[illegible]	[illegible]	———	[illegible]
APPLIED RESEARCH	[illegible]	[illegible]	[illegible]	———	[illegible]	[illegible]	[illegible]	———	[illegible]	[illegible]	[illegible]	———	[illegible]
MANAGEMENT OR ADMINISTRATION (R&D)	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	———	[illegible]	[illegible]	[illegible]	———	[illegible]
MGMT OR ADMIN OF RESEARCH & DEVELOPMENT	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	———	[illegible]	———	———	[illegible]	[illegible]	———	[illegible]
TEACHING	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	———	[illegible]	[illegible]	[illegible]	[illegible]	———	[illegible]
PRODUCTION & INSPECTION	[illegible]	———	———	———	———	———	———	———	———	———	———	———	[illegible]
CONSULTING	[illegible]	[illegible]	———	[illegible]	[illegible]	———	———	———	———	———	———	———	———
EXPLORATION, FORECASTING, AND REPORTING	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	———	———	———	———	———	[illegible]
OTHER	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	———	———	[illegible]	———	———	[illegible]
NOT EMPLOYED	———	———	———	———	———	———	———	———	———	———	———	———	———
NO REPORT	[illegible]	———	———	———	———	———	———	———	———	———	———	———	[illegible]

[illegible]

SCIENTIFIC AND TECHNICAL FIELD AND PRIMARY WORK ACTIVITY	TOTAL	SECONDARY WORK ACTIVITY: RESEARCH AND DEVELOPMENT: TOTAL R&D	BASIC RESEARCH	APPLIED RESEARCH	MANAGEMENT OR ADMINISTRATION: TOTAL	OF R&D	TEACHING	PRODUCTION AND INSPECTION	CONSULTING	EXPLORATION, FORECASTING, REPORTING	OTHER	NOT EMPLOYED	NO REPORT OF WORK ACTIVITY
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	—	[illegible]
RESEARCH AND DEVELOPMENT (R&D)	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	—	[illegible]
BASIC RESEARCH	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	—	[illegible]
APPLIED RESEARCH	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	—	[illegible]
MANAGEMENT OR ADMINISTRATION (R&D)	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	—	[illegible]
MGMT OF ADMIN OF RESEARCH & DEVELOPMENT	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	—	[illegible]
TEACHING	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	—	[illegible]
PRODUCTION & INSPECTION	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	—	[illegible]
CONSULTING	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	—	[illegible]
EXPLORATION, FORECASTING, AND REPORTING	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	—	[illegible]
OTHER	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	—	[illegible]
NOT EMPLOYED	—	—	—	—	—	—	—	—	—	—	—	—	—
NO REPORT	[illegible]	—	—	—	—	—	—	—	—	—	—	—	[illegible]
PSYCHOLOGY	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	—	[illegible]
RESEARCH AND DEVELOPMENT (R&D)	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	—	[illegible]
BASIC RESEARCH	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	—	[illegible]
APPLIED RESEARCH	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	—	[illegible]
MANAGEMENT OR ADMINISTRATION (R&D)	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	—	[illegible]
MGMT OF ADMIN OF RESEARCH & DEVELOPMENT	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	—	[illegible]
TEACHING	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	—	[illegible]
PRODUCTION & INSPECTION	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	—	[illegible]
CONSULTING	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	—	[illegible]
EXPLORATION, FORECASTING, AND REPORTING	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	—	[illegible]
OTHER	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	—	[illegible]
NOT EMPLOYED	—	—	—	—	—	—	—	—	—	—	—	—	—
NO REPORT	[illegible]	—	—	—	—	—	—	—	—	—	—	—	[illegible]
STATISTICS	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	—	[illegible]
RESEARCH AND DEVELOPMENT (R&D)	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	—	[illegible]
BASIC RESEARCH	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	—	[illegible]
APPLIED RESEARCH	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	—	[illegible]
MANAGEMENT OR ADMINISTRATION (R&D)	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	—	[illegible]
MGMT OF ADMIN OF RESEARCH & DEVELOPMENT	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	—	[illegible]
TEACHING	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	—	[illegible]
PRODUCTION & INSPECTION	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	—	[illegible]
CONSULTING	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	—	[illegible]
EXPLORATION, FORECASTING, AND REPORTING	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	—	[illegible]
OTHER	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	—	[illegible]
NOT EMPLOYED	—	—	—	—	—	—	—	—	—	—	—	—	—
NO REPORT	[illegible]	—	—	—	—	—	—	—	—	—	—	—	[illegible]
ECONOMICS	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	—	[illegible]
RESEARCH AND DEVELOPMENT (R&D)	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	—	[illegible]
BASIC RESEARCH	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	—	[illegible]
APPLIED RESEARCH	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	—	[illegible]
MANAGEMENT OR ADMINISTRATION (R&D)	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	—	[illegible]
MGMT OF ADMIN OF RESEARCH & DEVELOPMENT	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	—	[illegible]
TEACHING	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	—	[illegible]
PRODUCTION & INSPECTION	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	—	[illegible]
CONSULTING	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	—	[illegible]
EXPLORATION, FORECASTING, AND REPORTING	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	—	[illegible]
OTHER	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	—	[illegible]
NOT EMPLOYED	—	—	—	—	—	—	—	—	—	—	—	—	—
NO REPORT	[illegible]	—	—	—	—	—	—	—	—	—	—	—	[illegible]

TABLE A-41. PRIMARY AND SECONDARY WORK ACTIVITY OF SCIENTISTS EMPLOYED BY UNIVERSITIES AND COLLEGES, BY FIELD, 1970—CONTINUED

SCIENTIFIC AND TECHNICAL FIELD AND PRIMARY WORK ACTIVITY	TOTAL	SECONDARY WORK ACTIVITY										NOT EMPLOYED	NO REPORT OF WORK ACTIVITY
		RESEARCH AND DEVELOPMENT			MANAGEMENT OR ADMINISTRATION		TEACHING	PRODUCTION AND INSPECTION	CONSULTING	EXPLORATION, FORECASTING, REPORTING	OTHER		
		TOTAL R&D 1/	BASIC RESEARCH	APPLIED RESEARCH	TOTAL 2/	OF R&D							
SOCIOLOGY	5,595	2,504	1,766	738	575	140	442	1	176	825	238	------	492
RESEARCH AND DEVELOPMENT 1/	1,005	116	38	78	42	31	617	------	4	95	24	------	107
BASIC RESEARCH	706	78	------	78	16	10	466	------	1	55	17	------	73
APPLIED RESEARCH	286	38	38	------	26	21	143	------	3	40	6	------	30
MANAGEMENT OR ADMINISTRATION 2/	537	107	48	57	40	30	315	------	8	23	3	------	48
MGMT OR ADMIN OF RESEARCH & DEVELOPMENT	146	72	33	39	10	------	40	------	1	11	------	------	13
TEACHING	3,790	2,256	1,662	592	469	78	------	1	173	101	198	------	586
PRODUCTION & INSPECTION	------	------	------	------	------	------	------	------	------	------	------	------	------
CONSULTING	8	1	1	------	2	------	3	------	------	1	------	------	1
EXPLORATION, FORECASTING, AND REPORTING	29	12	8	4	1	1	10	------	------	------	1	------	5
OTHER	102	16	9	7	1	1	57	------	------	5	------	------	23
NOT EMPLOYED	------	------	------	------	------	------	------	------	------	------	------	------	------
NO REPORT	129	------	------	------	------	------	------	------	------	------	------	------	129
POLITICAL SCIENCE	4,410	2,552	2,061	489	444	106	727	------	209	295	141	------	668
RESEARCH AND DEVELOPMENT 1/	482	41	15	21	77	13	261	------	11	40	1	------	21
BASIC RESEARCH	378	26	------	20	16	5	208	------	4	29	1	------	15
APPLIED RESEARCH	89	14	12	1	4	4	46	------	7	11	------	------	8
MANAGEMENT OR ADMINISTRATION 2/	555	71	28	16	53	35	370	------	20	19	6	------	61
MGMT OR ADMIN OF RESEARCH & DEVELOPMENT	104	27	10	12	16	------	67	------	6	9	1	------	5
TEACHING	3,666	2,401	1,989	341	417	56	------	------	176	89	136	------	631
PRODUCTION & INSPECTION	------	------	------	------	------	------	------	------	------	------	------	------	------
CONSULTING	10	5	1	3	1	1	2	------	------	1	------	------	1
EXPLORATION, FORECASTING, AND REPORTING	32	7	3	4	1	------	12	------	1	6	1	------	4
OTHER	72	8	7	1	4	1	45	------	1	------	------	------	14
NOT EMPLOYED	------	------	------	------	------	------	------	------	------	------	------	------	------
NO REPORT	115	------	------	------	------	------	------	------	------	------	------	------	115
ANTHROPOLOGY	1,066	599	546	53	80	27	290	------	15	58	10	------	98
RESEARCH AND DEVELOPMENT 1/	211	9	1	8	12	11	172	------	1	10	------	------	6
BASIC RESEARCH	195	8	------	8	6	7	166	------	1	8	------	------	6
APPLIED RESEARCH	16	1	1	------	3	3	8	------	------	2	------	------	------
MANAGEMENT OR ADMINISTRATION 2/	96	15	13	2	1	1	71	------	------	1	------	------	6
MGMT OR ADMIN OF RESEARCH & DEVELOPMENT	32	9	8	1	------	------	21	------	------	------	------	------	2
TEACHING	730	572	529	43	65	16	------	------	14	42	10	------	27
PRODUCTION & INSPECTION	------	------	------	------	------	------	------	------	------	------	------	------	------
CONSULTING	------	------	------	------	------	------	------	------	------	------	------	------	------
EXPLORATION, FORECASTING, AND REPORTING	8	2	2	------	2	1	4	------	------	------	------	------	------
OTHER	4	1	1	------	------	------	3	------	------	------	------	------	------
NOT EMPLOYED	------	------	------	------	------	------	------	------	------	------	------	------	------
NO REPORT	20	------	------	------	------	------	------	------	------	------	------	------	20
LINGUISTICS	1,984	648	448	200	152	28	295	1	57	128	61	------	152
RESEARCH AND DEVELOPMENT 1/	193	19	7	12	6	6	133	------	3	16	1	------	15
BASIC RESEARCH	156	11	------	11	5	3	111	------	3	13	------	------	13
APPLIED RESEARCH	37	8	7	1	1	1	22	------	------	3	1	------	2
MANAGEMENT OR ADMINISTRATION 2/	128	21	6	15	9	7	82	------	2	6	------	------	8
MGMT OR ADMIN OF RESEARCH & DEVELOPMENT	23	7	4	3	2	------	11	------	------	1	------	------	2
TEACHING	971	586	428	158	135	12	------	1	50	106	60	------	80
PRODUCTION & INSPECTION	1	------	------	------	1	------	------	------	------	------	------	------	------
CONSULTING	2	1	------	1	1	------	------	------	------	------	------	------	------
EXPLORATION, FORECASTING, AND REPORTING	17	5	3	2	2	------	10	------	------	------	------	------	------
OTHER	29	10	5	5	2	------	10	------	1	------	------	------	6
NOT EMPLOYED	------	------	------	------	------	------	------	------	------	------	------	------	------
NO REPORT	63	------	------	------	------	------	------	------	------	------	------	------	63

1/INCLUDES DEVELOPMENT OR DESIGN.
2/INCLUDES MANAGEMENT OR ADMINISTRATION OF OTHER THAN RESEARCH AND DEVELOPMENT.

SOURCE - NATIONAL REGISTER OF SCIENTIFIC AND TECHNICAL PERSONNEL, 1970.

TABLE B-44. NUMBER OF UNIVERSITY AND COLLEGE TEACHERS, BY FIELD, HIGHEST DEGREE, AND ACADEMIC RANK, [illegible]

SCIENTIFIC AND TECHNICAL FIELD AND HIGHEST DEGREE	TOTAL	ACADEMIC RANK									NO REPORT OF ACADEMIC RANK
		DEAN	PROFESSOR	ASSOCIATE PROFESSOR	ASSISTANT PROFESSOR	INSTRUCTOR	LECTURER	RESEARCH ASSOCIATE	RESEARCH ASSISTANT	OTHER	
ALL FIELDS	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
DOCTORATE	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
PROFESSIONAL MEDICAL	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
MASTER'S	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
BACHELOR'S	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
LESS THAN BACHELOR'S	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
NO REPORT	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
CHEMISTRY	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
DOCTORATE	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
PROFESSIONAL MEDICAL	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
MASTER'S	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
BACHELOR'S	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
LESS THAN BACHELOR'S	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
NO REPORT	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
EARTH & MARINE SCIENCES	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
DOCTORATE	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
PROFESSIONAL MEDICAL	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
MASTER'S	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
BACHELOR'S	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
LESS THAN BACHELOR'S	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
NO REPORT	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
ATMOSPHERIC & SPACE SCIENCES	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
DOCTORATE	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
PROFESSIONAL MEDICAL	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
MASTER'S	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
BACHELOR'S	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
LESS THAN BACHELOR'S	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
NO REPORT	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
PHYSICS	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
DOCTORATE	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
PROFESSIONAL MEDICAL	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
MASTER'S	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
BACHELOR'S	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
LESS THAN BACHELOR'S	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
NO REPORT	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
MATHEMATICS	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
DOCTORATE	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
PROFESSIONAL MEDICAL	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
MASTER'S	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
BACHELOR'S	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
LESS THAN BACHELOR'S	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
NO REPORT	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
COMPUTER SCIENCES	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
DOCTORATE	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
PROFESSIONAL MEDICAL	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
MASTER'S	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
BACHELOR'S	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
LESS THAN BACHELOR'S	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
NO REPORT	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
AGRICULTURAL SCIENCES	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
DOCTORATE	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
PROFESSIONAL MEDICAL	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
MASTER'S	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
BACHELOR'S	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
LESS THAN BACHELOR'S	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
NO REPORT	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]

TABLE B-[illegible]. NUMBER OF UNIVERSITY AND COLLEGE TEACHERS, BY FIELD, HIGHEST DEGREE, AND ACADEMIC RANK, 1970--CONTINUED

SCIENTIFIC AND TECHNICAL FIELD AND HIGHEST DEGREE	TOTAL	ACADEMIC RANK									NO REPORT OF ACADEMIC RANK
		DEAN	PROFESSOR	ASSOCIATE PROFESSOR	ASSISTANT PROFESSOR	INSTRUCTOR	LECTURER	RESEARCH ASSOCIATE	RESEARCH ASSISTANT	OTHER	
BIOLOGICAL SCIENCES - - -	18,297	95	5,022	6,336	4,772	889	117	293	428	212	1,9[illegible]
DOCTORATE - - - - - - - - - -	12,959	62	4,416	3,986	3,319	207	48	251	40	99	1,549
PROFESSIONAL MEDICAL - - - - -	2,968	19	1,069	661	652	96	4	32	83	22	276
MASTER'S - - - - - - - - - -	2,679	-------	199	296	696	565	28	18	423	119	475
BACHELOR'S - - - - - - - - -	617	-------	8	18	21	53	7	5	359	52	114
LESS THAN BACHELOR'S - - - - -	2	-------	1	-------	-------	-------	-------	-------	-------	-------	1
NO REPORT - - - - - - - - -	35	-------	7	7	6	6	-------	-------	-------	1	8
PSYCHOLOGY - - - - - - -	9,398	96	2,883	2,912	2,787	531	197	93	29	117	726
DOCTORATE - - - - - - - - - -	7,987	92	2,829	2,175	2,414	92	156	27	9	83	923
PROFESSIONAL MEDICAL - - - - -	9	-------	8	1	-------	-------	-------	1	-------	-------	-------
MASTER'S - - - - - - - - - -	1,383	2	59	135	371	432	43	5	19	27	147
BACHELOR'S - - - - - - - - -	27	-------	1	1	2	8	5	-------	-------	-------	7
LESS THAN BACHELOR'S - - - - -	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------
NO REPORT - - - - - - - - -	2	-------	-------	-------	-------	-------	-------	-------	-------	-------	2
STATISTICS - - - - - - -	832	2	276	176	287	56	8	6	29	12	96
DOCTORATE - - - - - - - - - -	671	2	192	166	241	5	5	5	2	5	96
PROFESSIONAL MEDICAL - - - - -	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------
MASTER'S - - - - - - - - - -	159	-------	83	9	46	57	5	1	25	8	18
BACHELOR'S - - - - - - - - -	6	-------	1	-------	-------	1	-------	-------	2	-------	2
LESS THAN BACHELOR'S - - - - -	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------
NO REPORT - - - - - - - - -	2	-------	1	1	-------	-------	-------	-------	-------	-------	-------
ECONOMICS - - - - - - - -	6,677	111	2,198	1,909	1,869	517	87	14	175	58	271
DOCTORATE - - - - - - - - - -	4,765	95	2,058	1,275	1,173	36	24	8	8	17	129
PROFESSIONAL MEDICAL - - - - -	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------
MASTER'S - - - - - - - - - -	1,717	15	115	220	695	427	55	8	132	27	91
BACHELOR'S - - - - - - - - -	177	1	11	8	57	56	7	6	36	7	2
LESS THAN BACHELOR'S - - - - -	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------
NO REPORT - - - - - - - - -	18	-------	3	5	1	-------	1	-------	2	-------	-------
SOCIOLOGY - - - - - - - -	4,748	18	1,121	959	1,269	627	157	16	86	67	516
DOCTORATE - - - - - - - - - -	2,954	13	1,070	763	771	26	95	8	2	29	161
PROFESSIONAL MEDICAL - - - - -	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------
MASTER'S - - - - - - - - - -	1,676	5	37	119	652	567	83	6	62	55	571
BACHELOR'S - - - - - - - - -	293	-------	2	5	87	95	16	2	57	9	76
LESS THAN BACHELOR'S - - - - -	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------
NO REPORT - - - - - - - - -	16	-------	6	-------	9	1	-------	-------	2	-------	6
POLITICAL SCIENCE - - -	4,371	58	1,153	883	1,577	452	133	9	166	67	179
DOCTORATE - - - - - - - - - -	3,085	56	1,111	779	870	59	61	3	5	11	89
PROFESSIONAL MEDICAL - - - - -	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------
MASTER'S - - - - - - - - - -	1,251	2	82	100	585	420	62	5	160	56	55
BACHELOR'S - - - - - - - - -	28	-------	3	-------	18	3	1	1	1	-------	1
LESS THAN BACHELOR'S - - - - -	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------
NO REPORT - - - - - - - - -	7	-------	6	1	1	1	-------	-------	-------	-------	-------
ANTHROPOLOGY - - - - - -	683	9	362	282	275	7	11	3	-------	15	62
DOCTORATE - - - - - - - - - -	563	9	336	278	276	4	9	2	-------	15	55
PROFESSIONAL MEDICAL - - - - -	4	-------	2	-------	-------	-------	1	-------	-------	-------	1
MASTER'S - - - - - - - - - -	11	-------	3	4	1	1	1	-------	-------	-------	1
BACHELOR'S - - - - - - - - -	4	-------	1	-------	-------	2	-------	1	-------	-------	-------
LESS THAN BACHELOR'S - - - - -	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------
NO REPORT - - - - - - - - -	1	-------	-------	-------	-------	-------	-------	-------	-------	-------	1
LINGUISTICS - - - - - - -	1,336	9	311	257	402	82	66	6	27	41	33
DOCTORATE - - - - - - - - - -	802	9	297	249	326	7	18	6	8	7	16
PROFESSIONAL MEDICAL - - - - -	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------
MASTER'S - - - - - - - - - -	259	-------	9	11	67	68	21	-------	21	26	33
BACHELOR'S - - - - - - - - -	48	-------	1	-------	65	6	7	-------	4	6	5
LESS THAN BACHELOR'S - - - - -	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------
NO REPORT - - - - - - - - -	13	-------	4	1	1	1	-------	-------	1	-------	2

NOTE - INCLUDES SCIENTISTS REPORTING UNIVERSITY AND COLLEGE TEACHING AS A PRIMARY OR SECONDARY WORK ACTIVITY.

SOURCE - NATIONAL REGISTER OF SCIENTIFIC AND TECHNICAL PERSONNEL, 1970.

TABLE B-45. MEDIAN ANNUAL SALARIES OF COLLEGE AND UNIVERSITY TEACHERS, BY FIELD, SALARY BASIS, AND ACADEMIC RANK, 1970

SCIENTIFIC AND TECHNICAL FIELD AND SALARY BASIS	TOTAL	ACADEMIC RANK									NO REPORT OF ACADEMIC RANK
		DEAN	PROFESSOR	ASSOCIATE PROFESSOR	ASSISTANT PROFESSOR	INSTRUCTOR	LECTURER	RESEARCH ASSOCIATE	RESEARCH ASSISTANT	OTHER	
ALL FIELDS - - - - - - - - - - -	13,500	21,700	18,500	14,300	11,500	9,700	11,800	10,200	8,600	8,800	13,500
ACADEMIC YEAR BASIS - - - -	12,500	17,000	17,400	13,700	11,000	9,300	10,700	9,000	8,700	10,200	12,400
CALENDAR YEAR BASIS - - - -	16,000	22,000	21,300	16,500	13,500	10,300	12,000	10,700	8,400	8,600	15,700
NO REPORT - - - - - - - - -	13,200	*22,000	18,900	13,800	11,500	9,200	10,800	10,100	8,400	7,700	13,600
CHEMISTRY - - - - - - - - - - -	12,600	21,700	17,400	13,400	11,000	9,100	9,400	8,000	8,500	9,100	12,000
ACADEMIC YEAR BASIS - - - -	12,100	------	16,500	12,800	10,800	9,300	10,000	------	8,300	8,400	12,200
CALENDAR YEAR BASIS - - - -	14,000	------	20,800	16,300	13,200	9,700	11,200	8,300	8,400	9,200	12,900
NO REPORT - - - - - - - - -	12,500	------	17,900	13,100	11,000	9,700	------	7,800	8,600	9,000	12,500
EARTH & MARINE SCIENCES - - - -	12,800	------	17,600	13,300	11,200	9,300	10,300	------	------	------	12,400
ACADEMIC YEAR BASIS - - - -	12,200	------	16,600	13,000	10,800	9,000	10,050	------	------	------	12,700
CALENDAR YEAR BASIS - - - -	14,900	------	20,000	15,900	12,900	10,300	------	------	------	------	12,000
NO REPORT - - - - - - - - -	13,000	------	17,700	13,000	11,100	8,600	------	------	------	------	12,900
ATMOSPHERIC & SPACE SCIENCES -	14,400	------	20,000	14,800	12,200	------	------	------	------	------	------
ACADEMIC YEAR BASIS - - - -	13,500	------	19,000	13,700	11,400	------	------	------	------	------	------
CALENDAR YEAR BASIS - - - -	16,000	------	23,000	17,200	13,800	------	------	------	------	------	------
NO REPORT - - - - - - - - -	13,500	------	20,000	------	12,000	------	------	------	------	------	------
PHYSICS - - - - - - - - - - - -	13,000	23,700	19,000	14,000	11,300	9,800	11,000	10,000	8,500	9,000	13,000
ACADEMIC YEAR BASIS - - - -	12,500	------	18,000	13,400	11,000	9,000	10,000	------	------	------	12,900
CALENDAR YEAR BASIS - - - -	16,000	23,700	22,000	16,500	13,200	10,900	11,900	10,000	------	10,900	12,900
NO REPORT - - - - - - - - -	13,900	------	19,000	14,000	11,900	9,700	------	------	------	------	13,000
MATHEMATICS - - - - - - - - - -	12,000	------	18,000	13,500	11,000	9,000	10,400	------	9,500	10,200	12,000
ACADEMIC YEAR BASIS - - - -	12,000	------	18,000	13,500	11,000	8,700	10,000	------	8,700	10,000	12,000
CALENDAR YEAR BASIS - - - -	13,500	------	20,000	15,100	12,000	9,900	11,500	------	------	10,500	12,800
NO REPORT - - - - - - - - -	12,000	------	17,400	13,500	11,000	9,300	------	------	------	------	12,000
COMPUTER SCIENCES - - - - - - -	14,600	------	21,000	16,500	13,000	10,500	------	------	------	13,500	13,600
ACADEMIC YEAR BASIS - - - -	13,200	------	19,000	15,000	12,000	------	------	------	------	------	------
CALENDAR YEAR BASIS - - - -	15,500	------	24,000	16,200	15,000	12,000	------	------	------	------	------
NO REPORT - - - - - - - - -	14,900	------	------	------	------	------	------	------	------	------	13,000
AGRICULTURAL SCIENCES - - - - -	14,800	------	18,200	14,600	12,600	9,700	------	------	------	13,100	13,900
ACADEMIC YEAR BASIS - - - -	12,000	------	15,500	12,500	11,000	10,200	------	------	------	------	------
CALENDAR YEAR BASIS - - - -	15,000	------	18,500	15,000	13,000	9,700	------	------	------	14,200	13,500
NO REPORT - - - - - - - - -	14,200	------	17,900	14,600	12,500	------	------	------	------	------	14,000
BIOLOGICAL SCIENCES - - - - - -	15,000	25,000	20,000	15,000	12,400	10,300	11,900	16,300	7,900	9,000	13,400
ACADEMIC YEAR BASIS - - - -	12,500	------	16,300	12,900	10,800	9,500	------	------	8,700	------	12,000
CALENDAR YEAR BASIS - - - -	16,000	25,000	22,400	17,700	14,400	10,500	13,300	10,500	9,000	9,000	14,000
NO REPORT - - - - - - - - -	14,500	------	19,000	14,600	11,900	10,300	------	------	------	8,900	14,000
PSYCHOLOGY - - - - - - - - - -	13,600	20,700	18,000	14,000	11,600	9,500	12,300	13,300	------	15,000	14,000
ACADEMIC YEAR BASIS - - - -	12,600	------	17,000	13,200	11,100	9,000	11,000	------	------	14,000	12,900
CALENDAR YEAR BASIS - - - -	16,000	------	20,100	16,500	14,300	11,500	14,000	------	------	18,000	15,000
NO REPORT - - - - - - - - -	13,700	------	18,700	14,000	11,700	9,500	------	------	------	------	14,000
STATISTICS - - - - - - - - - -	15,000	------	20,400	15,400	12,500	10,300	------	------	------	------	15,000
ACADEMIC YEAR BASIS - - - -	13,500	------	20,000	14,300	11,900	------	------	------	------	------	------
CALENDAR YEAR BASIS - - - -	17,000	------	26,000	18,000	14,700	------	------	------	------	------	------
NO REPORT - - - - - - - - -	16,700	------	------	------	17,000	------	------	------	------	------	16,000
ECONOMICS - - - - - - - - - - -	14,500	21,000	19,000	14,900	12,700	9,500	12,000	------	------	------	14,000
ACADEMIC YEAR BASIS - - - -	13,700	------	18,300	14,300	12,000	9,500	11,400	------	------	------	14,400
CALENDAR YEAR BASIS - - - -	17,000	22,000	20,000	16,500	14,000	10,500	------	------	------	------	19,500
NO REPORT - - - - - - - - -	14,700	------	18,900	14,500	12,100	9,200	------	------	------	------	13,000
SOCIOLOGY - - - - - - - - - - -	12,500	------	18,000	14,000	11,000	8,900	10,000	------	------	11,000	13,700
ACADEMIC YEAR BASIS - - - -	12,100	------	17,700	13,600	11,000	8,700	10,000	------	------	11,000	12,400
CALENDAR YEAR BASIS - - - -	14,500	------	20,000	16,000	12,800	9,600	11,000	------	------	13,300	------
NO REPORT - - - - - - - - -	11,500	------	16,800	14,000	11,000	8,600	------	------	------	------	12,400
POLITICAL SCIENCE - - - - - - -	12,500	21,000	18,000	13,700	11,900	9,100	10,000	------	------	------	13,500
ACADEMIC YEAR BASIS - - - -	12,000	------	17,500	13,000	10,800	9,100	10,000	------	------	------	13,100
CALENDAR YEAR BASIS - - - -	14,400	21,000	20,000	15,000	11,600	9,500	10,000	------	------	------	15,000
NO REPORT - - - - - - - - -	13,200	------	18,800	14,000	11,000	------	------	------	------	------	------
ANTHROPOLOGY - - - - - - - - -	14,100	------	19,000	13,600	11,600	------	------	------	------	------	15,600
ACADEMIC YEAR BASIS - - - -	13,800	------	18,200	13,500	11,300	------	------	------	------	------	------
CALENDAR YEAR BASIS - - - -	15,400	------	21,700	15,000	12,000	------	------	------	------	------	------
NO REPORT - - - - - - - - -	14,500	------	------	------	------	------	------	------	------	------	------
LINGUISTICS - - - - - - - - - -	12,300	------	17,400	13,000	11,000	9,000	9,600	------	------	------	------
ACADEMIC YEAR BASIS - - - -	12,300	------	17,500	13,000	11,000	9,000	------	------	------	------	------
CALENDAR YEAR BASIS - - - -	17,300	------	17,900	14,000	11,000	------	------	------	------	------	------
NO REPORT - - - - - - - - -	12,000	------	------	------	------	------	------	------	------	------	------

NOTE - ALL MEDIAN SALARIES WERE COMPUTED ONLY FOR FULL-TIME EMPLOYED CIVILIAN SCIENTISTS. NO MEDIAN WAS COMPUTED FOR ANY GROUP WITH FEWER THAN 25 REGISTRANTS REPORTING SALARY.

SOURCE - NATIONAL REGISTER OF SCIENTIFIC AND TECHNICAL PERSONNEL, 1970.

TABLE B-46. NUMBER OF UNIVERSITY AND COLLEGE TEACHERS, BY STATE AND FIELD, 1970

LOCATION	TOTAL	SCIENTIFIC AND TECHNICAL FIELD						
		CHEMISTRY	EARTH & MARINE SCIENCES	ATMOSPHERIC & SPACE SCIENCES	PHYSICS	MATHEMATICS	COMPUTER SCIENCES	AGRICULTURAL SCIENCES
ALL LOCATIONS	66,193	12,940	4,791	686	11,500	16,722	675	2,109
NEW ENGLAND	7,130	1,300	452	45	1,307	829	55	173
CONNECTICUT	1,506	202	53	9	195	176	6	27
MAINE	331	66	17	1	82	51	1	26
MASSACHUSETTS	3,865	558	169	31	629	447	50	14
NEW HAMPSHIRE	452	62	95	3	51	56	3	15
RHODE ISLAND	582	96	98	1	72	75	6	13
VERMONT	316	66	20	------	82	93	1	17
MIDDLE ATLANTIC	15,956	2,350	452	79	2,132	1,956	136	206
NEW JERSEY	1,936	296	81	80	337	262	22	26
NEW YORK	8,537	1,231	332	37	1,291	1,306	77	137
PENNSYLVANIA	5,583	836	239	26	671	417	40	40
EAST NORTH CENTRAL	17,419	2,667	1,006	92	1,966	2,239	133	487
ILLINOIS	4,369	700	257	21	527	667	26	69
INDIANA	2,615	427	110	6	331	372	29	56
MICHIGAN	3,803	565	233	19	375	469	36	85
OHIO	3,796	586	266	9	481	421	26	43
WISCONSIN	2,430	371	166	37	252	305	23	58
WEST NORTH CENTRAL	7,923	1,226	439	40	793	996	46	273
IOWA	1,431	295	79	5	180	187	12	65
KANSAS	1,227	211	55	3	117	250	6	87
MINNESOTA	1,805	260	99	6	195	218	7	43
MISSOURI	1,899	282	98	15	186	256	15	45
NEBRASKA	760	130	33	2	78	72	3	33
NORTH DAKOTA	311	41	26	2	18	56	1	20
SOUTH DAKOTA	320	58	19	5	19	47	------	23
SOUTH ATLANTIC	11,129	1,658	485	47	1,325	1,611	96	265
DELAWARE	295	51	9	1	52	26	1	7
DISTRICT OF COLUMBIA	895	92	23	2	106	95	12	2
FLORIDA	1,976	276	110	27	238	269	13	43
GEORGIA	1,456	213	63	6	140	198	7	36
MARYLAND	1,725	197	73	9	287	205	19	29
NORTH CAROLINA	2,033	290	96	1	193	263	27	42
SOUTH CAROLINA	676	140	26	2	70	109	6	25
VIRGINIA	1,570	233	57	------	205	213	11	50
WEST VIRGINIA	553	103	22	1	47	63	2	23
EAST SOUTH CENTRAL	3,800	686	181	4	375	485	15	121
ALABAMA	866	149	30	2	79	133	2	29
KENTUCKY	1,092	166	52	------	95	120	5	59
MISSISSIPPI	501	86	21	------	46	65	3	23
TENNESSEE	1,403	217	78	2	155	167	5	10
WEST SOUTH CENTRAL	6,440	1,011	432	44	667	829	50	236
ARKANSAS	437	73	17	------	56	50	1	24
LOUISIANA	1,305	210	100	3	119	160	10	56
OKLAHOMA	950	157	66	11	83	130	5	57
TEXAS	3,760	571	249	30	451	481	34	93
MOUNTAIN	4,760	668	389	50	506	578	33	196
ARIZONA	956	117	86	8	115	110	3	26
COLORADO	1,420	105	113	23	106	180	12	66
IDAHO	290	56	21	------	30	95	------	27
MONTANA	362	52	43	3	26	56	1	33
NEVADA	168	25	10	4	26	32	------	10
NEW MEXICO	530	87	32	1	71	80	9	15
UTAH	813	110	56	12	107	76	8	32
WYOMING	213	90	29	7	29	31	------	6
PACIFIC	12,282	1,576	867	87	1,472	1,332	106	312
ALASKA	91	10	19	1	10	12	2	3
CALIFORNIA	8,787	1,110	565	46	1,126	972	77	101
HAWAII	426	49	36	12	35	37	3	16
OREGON	1,241	175	105	10	109	165	12	95
WASHINGTON	1,762	232	142	18	196	166	10	97
OUTLYING AREAS	216	47	6	1	18	21	------	8
CANAL ZONE	3	------	------	------	------	------	------	1
GUAM	6	------	------	------	------	------	------	------
PUERTO RICO	198	44	6	1	18	20	------	7
VIRGIN ISLANDS	6	3	------	------	------	1	------	------
FOREIGN	1,130	63	65	5	119	129	10	20

NOTE - INCLUDES SCIENTISTS REPORTING UNIVERSITY OR COLLEGE TEACHING AS FIRST OR SECOND WORK ACTIVITY.

SOURCE - NATIONAL REGISTER OF SCIENTIFIC AND TECHNICAL PERSONNEL, 1970.

TABLE B-40. NUMBER OF UNIVERSITY AND COLLEGE TEACHERS, BY STATE AND FIELD, 1970—CONTINUED

LOCATION	SCIENTIFIC AND TECHNICAL FIELD							
	BIOLOGICAL SCIENCES	PSYCHOLOGY	STATISTICS	ECONOMICS	SOCIOLOGY	POLITICAL SCIENCE	ANTHROPOLOGY	LINGUISTICS
ALL LOCATIONS	19,237	9,390	492	8,672	6,781	6,771	980	1,736
NEW ENGLAND	1,456	691	68	629	437	561	99	97
CONNECTICUT	304	180	16	127	116	99	19	31
MAINE	62	57	-------	29	37	37	1	2
MASSACHUSETTS	756	367	29	369	219	196	56	46
NEW HAMPSHIRE	112	95	2	41	29	36	5	4
RHODE ISLAND	119	58	5	42	33	21	17	19
VERMONT	93	33	2	25	9	16	1	1
MIDDLE ATLANTIC	3,297	1,880	126	1,190	966	897	190	229
NEW JERSEY	377	226	16	139	117	104	6	16
NEW YORK	1,868	1,143	63	681	505	404	135	154
PENNSYLVANIA	1,052	509	47	390	292	293	47	57
EAST NORTH CENTRAL	3,240	1,777	170	1,426	1,099	876	179	245
ILLINOIS	966	467	70	415	296	218	66	96
INDIANA	470	258	19	193	163	103	35	47
MICHIGAN	736	417	56	276	249	208	42	75
OHIO	606	427	44	327	236	186	29	47
WISCONSIN	449	219	29	162	167	129	27	34
WEST NORTH CENTRAL	1,797	776	83	656	478	387	53	71
IOWA	366	131	26	157	93	73	6	17
KANSAS	276	137	17	120	95	67	13	19
MINNESOTA	390	149	19	126	117	92	8	25
MISSOURI	473	186	18	132	112	73	16	13
NEBRASKA	179	78	9	61	56	52	6	6
NORTH DAKOTA	51	23	5	35	11	9	-------	-------
SOUTH DAKOTA	58	50	2	27	12	19	1	2
SOUTH ATLANTIC	2,426	1,129	170	875	547	628	97	112
DELAWARE	43	18	2	17	6	11	5	4
DISTRICT OF COLUMBIA	172	85	17	96	47	115	20	29
FLORIDA	390	246	23	145	92	87	11	21
GEORGIA	320	110	17	126	67	56	6	6
MARYLAND	406	163	26	117	92	78	13	17
NORTH CAROLINA	490	187	43	142	117	92	24	12
SOUTH CAROLINA	116	55	7	61	25	25	-------	7
VIRGINIA	361	169	16	130	66	87	5	17
WEST VIRGINIA	128	56	2	68	27	40	1	-------
EAST SOUTH CENTRAL	868	389	21	305	219	175	21	27
ALABAMA	189	102	5	73	69	33	3	3
KENTUCKY	252	98	6	92	67	50	13	8
MISSISSIPPI	127	66	1	40	24	20	-------	3
TENNESSEE	321	167	9	100	56	67	7	7
WEST SOUTH CENTRAL	1,472	562	75	429	295	290	40	50
ARKANSAS	117	47	6	36	31	23	1	-------
LOUISIANA	325	88	18	86	45	52	10	17
OKLAHOMA	214	91	11	67	99	55	6	6
TEXAS	775	336	40	196	190	162	25	43
MOUNTAIN	960	450	58	287	197	205	60	66
ARIZONA	187	65	7	63	45	52	33	22
COLORADO	266	156	19	71	66	76	21	16
IDAHO	43	27	2	31	10	11	3	2
MONTANA	67	32	6	23	17	17	2	1
NEVADA	29	16	-------	15	6	10	6	6
NEW MEXICO	106	47	11	32	17	16	9	5
UTAH	208	67	11	49	30	29	6	6
WYOMING	56	16	6	35	6	7	1	-------
PACIFIC	3,088	1,510	105	823	605	969	193	267
ALASKA	11	6	-------	6	6	7	6	6
CALIFORNIA	1,913	686	60	577	450	667	142	249
HAWAII	93	40	2	29	26	37	6	26
OREGON	299	128	15	89	53	40	20	5
WASHINGTON	582	175	19	122	90	87	26	19
OUTLYING AREAS	40	25	6	16	12	10	6	10
CANAL ZONE	2	-------	-------	-------	-------	-------	-------	-------
GUAM	2	2	-------	1	1	1	1	1
PUERTO RICO	36	19	6	15	11	9	5	9
VIRGIN ISLANDS	2	-------	-------	-------	-------	-------	-------	-------
FOREIGN	165	148	16	99	110	87	40	50

TABLE B-47. NUMBER OF UNIVERSITY AND COLLEGE TEACHERS, BY STATE AND ACADEMIC RANK, 1970

LOCATION	TOTAL	ACADEMIC RANK									NO REPORT OF ACADEMIC RANK
		DEAN	PROFESSOR	ASSOCIATE PROFESSOR	ASSISTANT PROFESSOR	INSTRUCTOR	LECTURER	RESEARCH ASSOCIATE	RESEARCH ASSISTANT	OTHER	
ALL LOCATIONS - - - - - -	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
NEW ENGLAND - - - - - - - -	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
CONNECTICUT - - - - - - - -	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
MAINE - - - - - - - - - - -	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
MASSACHUSETTS - - - - - - -	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
NEW HAMPSHIRE - - - - - - -	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
RHODE ISLAND - - - - - - - -	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
VERMONT - - - - - - - - - -	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
MIDDLE ATLANTIC - - - - - -	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
NEW JERSEY - - - - - - - - -	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
NEW YORK - - - - - - - - - -	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
PENNSYLVANIA - - - - - - - -	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
EAST NORTH CENTRAL - - - -	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
ILLINOIS - - - - - - - - - -	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
INDIANA - - - - - - - - - -	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
MICHIGAN - - - - - - - - - -	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
OHIO - - - - - - - - - - - -	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
WISCONSIN - - - - - - - - -	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
WEST NORTH CENTRAL - - - -	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
IOWA - - - - - - - - - - - -	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
KANSAS - - - - - - - - - - -	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
MINNESOTA - - - - - - - - -	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
MISSOURI - - - - - - - - - -	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
NEBRASKA - - - - - - - - - -	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
NORTH DAKOTA - - - - - - - -	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
SOUTH DAKOTA - - - - - - - -	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
SOUTH ATLANTIC - - - - - -	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
DELAWARE - - - - - - - - - -	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
DISTRICT OF COLUMBIA - - - -	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
FLORIDA - - - - - - - - - -	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
GEORGIA - - - - - - - - - -	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
MARYLAND - - - - - - - - - -	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
NORTH CAROLINA - - - - - - -	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
SOUTH CAROLINA - - - - - - -	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
VIRGINIA - - - - - - - - - -	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
WEST VIRGINIA - - - - - - -	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
EAST SOUTH CENTRAL - - - -	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
ALABAMA - - - - - - - - - -	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
KENTUCKY - - - - - - - - - -	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
MISSISSIPPI - - - - - - - -	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
TENNESSEE - - - - - - - - -	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
WEST SOUTH CENTRAL - - - -	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
ARKANSAS - - - - - - - - - -	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
LOUISIANA - - - - - - - - -	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
OKLAHOMA - - - - - - - - - -	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
TEXAS - - - - - - - - - - -	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
MOUNTAIN - - - - - - - - -	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
ARIZONA - - - - - - - - - -	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
COLORADO - - - - - - - - - -	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
IDAHO - - - - - - - - - - -	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
MONTANA - - - - - - - - - -	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
NEVADA - - - - - - - - - - -	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
NEW MEXICO - - - - - - - - -	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
UTAH - - - - - - - - - - - -	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
WYOMING - - - - - - - - - -	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
PACIFIC - - - - - - - - - -	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
ALASKA - - - - - - - - - - -	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
CALIFORNIA - - - - - - - - -	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
HAWAII - - - - - - - - - - -	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
OREGON - - - - - - - - - - -	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
WASHINGTON - - - - - - - - -	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
OUTLYING AREAS - - - - - -	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
CANAL ZONE - - - - - - - - -	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
GUAM - - - - - - - - - - - -	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
PUERTO RICO - - - - - - - -	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
VIRGIN ISLANDS - - - - - - -	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
FOREIGN - - - - - - - - - -	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]

NOTE - INCLUDES SCIENTISTS REPORTING UNIVERSITY OR COLLEGE TEACHING AS FIRST OR SECOND WORK ACTIVITY.

SOURCE - NATIONAL REGISTER OF SCIENTIFIC AND TECHNICAL PERSONNEL, 1970.

TABLE B-6B. NUMBER OF SCIENTISTS, BY SUBFIELD AND HIGHEST DEGREE, 1972

SCIENTIFIC AND TECHNICAL SUBFIELD	TOTAL	HIGHEST DEGREE				LESS THAN BACHELOR'S DEGREE	NO REPORT OF DEGREE
		DOCTORATE	PROFESSIONAL MEDICAL	MASTER'S	BACHELOR'S		
ALL SUBFIELDS	312,644	125,736	7,796	93,565	83,743	575	2,262
ANALYTICAL CHEMISTRY	7,245	1,657	2	1,579	3,944	37	171
INORGANIC CHEMISTRY	3,750	1,678	5	691	1,355	4	29
MACROMOLECULAR CHEMISTRY	10,376	5,516	------	1,908	4,407	69	115
ORGANIC CHEMISTRY	14,408	6,207	1	2,582	5,449	41	190
RELATED CHEMICAL SPECIALTIES	10,256	1,969	1	2,672	5,456	57	134
AGRICULTURAL CHEMISTRY	1,430	432	------	291	689	4	27
FOOD SCIENCE AND TECHNOLOGY	2,825	765	4	956	1,015	10	96
BIOCHEMISTRY	9,565	6,085	417	1,165	1,856	7	37
PHYSICAL CHEMISTRY	7,150	4,261	------	1,196	1,650	11	60
CHEMISTRY, OTHER	18,036	5,171	21	5,552	7,158	21	111
GEOCHEMISTRY	769	438	------	157	169	------	5
GEODESY	212	18	------	92	106	1	1
GEOLOGY	12,061	2,518	------	4,265	5,073	25	[illegible]
PALEONTOLOGY	890	445	------	270	173	3	[illegible]
SOLID-EARTH GEOPHYSICS	3,382	667	------	653	1,568	29	75
GEOGRAPHY	2,446	806	------	1,282	346	5	7
HYDROLOGY	1,107	176	------	363	545	9	14
OCEANOGRAPHY	1,226	483	------	399	319	5	20
EARTH SCIENCE, OTHER	1,009	144	1	435	415	5	9
MARINE SCIENCE, OTHER	29	8	------	9	11	------	1
ATMOSPHERIC STRUCTURE AND DYNAMICS	1,470	605	------	530	309	3	14
CLIMATOLOGY	345	73	------	141	96	4	33
WEATHER ANALYSIS AND FORECASTING	2,575	28	------	608	1,339	123	477
METEOROLOGICAL AREA SPECIALIZATIONS	1,467	167	------	608	547	46	149
INSTRUMENTATION AND TECHNIQUES	430	88	------	158	172	9	31
PLANETOLOGY	257	153	------	63	38	1	7
SOLAR-PLANETARY RELATIONSHIPS	657	337	------	190	127	2	4
ATMOSPHERIC SCIENCE, OTHER	371	77	1	129	134	5	20
SPACE SCIENCE, OTHER	44	13	------	21	10	------	------
ACOUSTICS	1,332	427	------	440	462	------	3
ATOMS AND MOLECULES	1,062	622	------	277	159	------	4
ELECTROMAGNETISM	1,333	532	------	477	320	------	4
ELEMENTARY PARTICLES AND FIELDS	2,108	1,365	------	415	317	------	11
MECHANICS	932	410	------	297	221	------	4
NUCLEI	2,359	1,403	------	614	331	------	9
OPTICS	2,730	887	4	930	802	1	6
FLUIDS	1,576	1,081	------	388	106	------	3
SOLIDS	5,639	3,251	------	1,611	759	------	18
THERMAL PHYSICS	857	443	------	220	136	------	3
INSTRUMENTATION	2,072	950	1	476	638	1	7
PHYSICS, OTHER	7,160	2,291	3	3,438	1,435	1	15
ADDITIONAL ASTRO-PHYSICAL SPECIALTIES	1,076	621	------	255	193	1	6
ALGEBRA	2,103	1,054	------	917	128	------	4
ANALYSIS AND FUNCTIONAL ANALYSIS	3,187	2,006	2	1,069	105	------	5
GEOMETRY	661	271	------	310	77	------	3
LOGIC	450	261	------	151	38	------	------
OPERATIONS RESEARCH	3,915	1,012	1	2,051	845	------	6
NUMBER THEORY	339	203	------	117	17	------	2
NUMERICAL ANALYSIS	916	359	------	416	137	------	3
TOPOLOGY	905	677	------	208	17	------	3
PROBABILITY	609	349	------	211	48	------	1
MATHEMATICS, OTHER	8,291	1,565	7	4,665	2,063	2	17
COMPUTING THEORY	330	111	------	160	58	------	1
COMPUTER NUMERICAL PROCESSING	872	170	------	415	286	------	1
COMPUTER NON-NUMERICAL PROCESSING	1,540	248	2	767	522	------	1
BUSINESS DATA PROCESSING	4,526	241	------	1,916	1,962	------	7
COMPUTER HARDWARE DESIGN	565	105	------	251	206	------	3
SYSTEMS PROGRAMMING AND SOFTWARE DESIGN AND IMPLEMENTATION	5,132	353	1	2,076	2,697	------	7
COMPUTER SCIENCE, OTHER	3,002	507	10	1,369	1,220	7	4
AGRONOMY	1,536	785	1	440	307	------	3
ANIMAL HUSBANDRY	950	498	21	310	117	1	2
FISH AND WILDLIFE	2,876	368	2	1,073	1,412	5	16
FORESTRY	6,540	327	------	1,279	4,906	8	56
RANGE MANAGEMENT	923	84	2	181	649	3	4
HORTICULTURE	1,149	616	------	361	167	1	4
SOIL SCIENCE	1,412	666	1	331	411	------	3
AGRICULTURAL SCIENCES, OTHER	1,775	616	60	684	396	1	13
ANATOMY	877	647	84	105	39	------	2
BOTANY	1,952	1,248	1	595	106	------	2
ECOLOGY	2,016	1,307	23	896	685	1	6
ENTOMOLOGY	2,368	1,136	2	766	453	3	8
GENETICS	1,505	1,190	78	207	25	2	2
IMMUNOLOGY	1,153	569	427	117	38	------	2
MICROBIOLOGY	4,989	2,736	292	1,006	843	5	13
NUTRITION	1,198	398	80	712	45	------	3
PATHOLOGY	1,508	343	1,061	52	45	------	11
PHARMACOLOGY	1,761	1,247	367	76	69	1	4
PHYSIOLOGY	4,090	2,901	931	414	145	------	17
PLANT PATHOLOGY	1,205	881	------	228	83	------	1
VIROLOGY	1,083	679	182	169	119	------	4
ZOOLOGY	2,987	2,040	11	711	225	2	3
BIOPHYSICS	1,967	778	47	996	183	------	3
BIOLOGY, BIOMEDICAL SCIENCES	11,431	5,140	2,032	3,332	2,056	9	57

TABLE B-40. NUMBER OF SCIENTISTS, BY SUBFIELD AND HIGHEST DEGREE, 1970--CONTINUED

SCIENTIFIC AND TECHNICAL SUBFIELD	TOTAL	HIGHEST DEGREE				LESS THAN BACHELOR'S DEGREE	NO REPORT OF DEGREE
		DOCTORATE	PROFESSIONAL MEDICAL	MASTER'S	BACHELOR'S		
CLINICAL PSYCHOLOGY	7,226	5,150	7	2,020	41	------	8
COUNSELING PSYCHOLOGY	2,750	1,773	1	957	19	------	------
DEVELOPMENTAL PSYCHOLOGY	1,023	786	------	233	4	------	------
EDUCATIONAL PSYCHOLOGY	2,005	1,609	1	377	17	------	1
ENGINEERING PSYCHOLOGY	567	326	------	236	5	------	------
ORGANIZATION AND PERSONNEL PSYCHOLOGY	1,811	1,363	------	422	26	------	------
PERSONALITY	434	377	------	57	------	------	------
SCHOOL PSYCHOLOGY	2,473	570	------	1,877	26	------	------
COMMUNITY PSYCHOLOGY	595	471	------	119	5	------	------
EXPERIMENTAL, COMPARATIVE, AND PHYSIOLOGICAL PSYCHOLOGY	2,919	2,553	8	347	11	------	------
PSYCHOMETRICS	599	417	------	175	7	------	------
SOCIAL PSYCHOLOGY	1,717	1,175	------	493	47	------	2
PSYCHOLOGY, OTHER	2,082	1,230	45	756	51	------	------
STATISTICS	4,336	1,699	3	1,961	662	------	11
GENERAL ECONOMICS - THEORY - HISTORY - SYSTEMS	1,626	1,062	------	511	48	------	5
ECONOMIC GROWTH AND DEVELOPMENT	1,101	667	------	380	46	------	8
ECONOMIC STATISTICS	576	339	------	187	44	------	6
MONETARY AND FISCAL THEORY AND INSTITUTIONS	1,260	786	------	419	50	------	5
INTERNATIONAL ECONOMICS	626	398	------	185	37	------	6
BUSINESS ORGANIZATION - FINANCE - MARKETING - ACCOUNTING	2,153	1,069	------	876	196	1	11
INDUSTRIAL ORGANIZATION	825	577	------	201	43	------	4
AGRICULTURE - NATURAL RESOURCES	1,521	863	------	560	96	1	1
MANPOWER - LABOR - POPULATION	826	469	------	270	86	------	1
WELFARE PROGRAMS - CONSUMER ECONOMICS - URBAN AND REGIONAL ECONOMICS	1,273	545	------	603	117	4	4
ECONOMICS, OTHER	1,956	763	1	948	231	------	13
SOCIO-CULTURAL THEORY	678	327	------	292	56	------	3
METHODOLOGY - SOCIOLOGY	659	283	------	292	79	1	4
DEMOGRAPHY AND POPULATION	370	199	1	117	50	------	3
RURAL-URBAN SOCIOLOGY	661	362	------	279	17	------	3
SOCIAL CHANGE AND DEVELOPMENT	467	236	------	176	47	------	8
SOCIAL ORGANIZATION, STRUCTURE AND INSTITUTIONS	2,427	1,680	3	563	177	------	4
SOCIAL PROBLEMS, SOCIAL DISORGANIZATION	1,017	396	------	498	121	------	2
SOCIOLOGY, OTHER	696	169	2	266	257	------	2
POLITICAL THEORY	476	333	------	139	4	------	------
METHODOLOGY - POLITICAL SCIENCE	158	77	------	77	4	------	------
PUBLIC POLICY - FORMATION AND IMPACTS	499	321	------	175	3	------	------
PUBLIC ADMINISTRATION	847	483	------	352	11	------	1
POLITICAL STABILITY, INSTABILITY AND CHANGE	219	119	------	97	3	------	------
FOREIGN AND CROSS-NATIONAL POLITICAL INSTITUTIONS AND BEHAVIOR	1,337	902	------	422	8	------	5
U S POLITICAL INSTITUTIONS, PROCESSES, AND BEHAVIOR	1,470	911	------	547	12	------	------
INTERNATIONAL LAW, ORGANIZATION, AND POLITICS	880	594	------	275	9	------	2
POLITICAL SCIENCE, OTHER	456	219	------	216	20	------	1
ARCHEOLOGY/PREHISTORY	271	249	1	15	5	1	------
LINGUISTIC ANTHROPOLOGY/ANTHROPOLOGICAL LINGUISTICS	65	64	------	------	1	------	------
BIOLOGICAL/PHYSICAL ANTHROPOLOGY	98	91	3	2	2	------	------
CULTURAL/SOCIAL ANTHROPOLOGY, ETHNOLOGY	800	779	3	12	4	1	1
ANTHROPOLOGY, OTHER	150	120	------	16	13	------	1
APPLICATIONS TO LANGUAGE TEACHING	449	224	------	196	23	------	6
DESCRIPTIVE LINGUISTICS	435	269	------	114	47	1	4
GENERAL LINGUISTICS	127	88	------	26	12	------	1
HISTORICAL AND COMPARATIVE LINGUISTICS	296	200	------	59	34	------	3
LANGUAGE IN RELATION TO OTHER FIELDS	189	121	1	50	16	------	1
LANGUAGE POLICIES	16	9	------	4	2	------	1
LITERACY AND WRITING SYSTEMS	6	2	------	3	1	------	------
MECHANIZED APPLICATIONS	41	18	------	14	9	------	------
PHONETICS	39	28	------	4	6	------	1
LINGUISTICS, OTHER	371	200	------	131	38	1	1
OTHER SPECIALTIES	6,150	2,520	300	2,429	1,101	51	69

SOURCE - NATIONAL REGISTER OF SCIENTIFIC AND TECHNICAL PERSONNEL, 1970.

TABLE B-40B. NUMBER OF SCIENTISTS, BY SUBFIELD AND TYPE OF EMPLOYER, 1972

SCIENTIFIC AND TECHNICAL SUBFIELD	TOTAL	TYPE OF EMPLOYER								NOT EMPLOYED	NO REPORT OF TYPE OF EMPLOYER
		EDUCATIONAL INSTITUTIONS	FEDERAL GOVERNMENT	OTHER GOVERNMENT	NONPROFIT ORGANIZATIONS	INDUSTRY AND BUSINESS	SELF-EMPLOYED	MILITARY	OTHER		

TABLE A-49A. NUMBER OF SCIENTISTS, BY SUBFIELD AND TYPE OF EMPLOYER, 1970--CONTINUED

SCIENTIFIC AND TECHNICAL SUBFIELD	TOTAL	TYPE OF EMPLOYER								NOT EMPLOYED	NO REPORT OF TYPE OF EMPLOYER
		EDUCATIONAL INSTITUTIONS	FEDERAL GOVERNMENT	OTHER GOVERNMENT	NONPROFIT ORGANIZATIONS	INDUSTRY AND BUSINESS	SELF-EMPLOYED	MILITARY	OTHER		
CLINICAL PSYCHOLOGY - - - - - - -	7,224	2,209	565	1,443	982	365	1,191	66	56	253	64
COUNSELING PSYCHOLOGY - - - - - -	2,750	1,654	195	193	212	64	119	5	9	94	10
DEVELOPMENTAL PSYCHOLOGY - - - - -	1,025	831	32	43	45	11	4	3	9	42	3
EDUCATIONAL PSYCHOLOGY - - - - - -	2,880	2,351	56	136	166	80	27	10	29	60	23
ENGINEERING PSYCHOLOGY - - - - - -	567	70	107	5	32	282	13	26	------	13	2
ORGANIZATION AND PERSONNEL PSYCHOLOGY - - - - - - - - - - - -	1,811	463	135	65	101	800	144	31	14	54	13
PERSONALITY - - - - - - - - - - - -	434	376	7	8	21	1	7	2	1	13	------
SCHOOL PSYCHOLOGY - - - - - - - -	2,473	2,113	16	117	67	7	15	1	15	81	11
COMMUNITY PSYCHOLOGY - - - - - - -	595	135	28	197	124	71	12	8	5	3	4
EXPERIMENTAL, COMPARATIVE, AND PHYSIOLOGICAL PSYCHOLOGY - - - -	2,910	2,300	176	93	119	81	7	32	9	71	17
PSYCHOMETRICS - - - - - - - - - -	599	333	72	29	38	81	7	4	4	28	3
SOCIAL PSYCHOLOGY - - - - - - - -	1,712	1,277	63	37	87	62	18	21	11	105	31
PSYCHOLOGY, OTHER - - - - - - - -	2,092	1,033	119	145	121	82	91	65	14	328	94
STATISTICS - - - - - - - - - - - -	4,306	1,536	771	167	190	1,324	40	65	24	142	26
GENERAL ECONOMICS - THEORY - HISTORY - SYSTEMS - - - - - - -	1,626	1,401	36	17	19	53	6	5	------	84	5
ECONOMIC GROWTH AND DEVELOPMENT -	1,131	556	162	87	84	147	20	16	1	48	10
ECONOMIC STATISTICS - - - - - - -	576	352	84	22	27	45	3	9	------	27	3
MONETARY AND FISCAL THEORY AND INSTITUTIONS - - - - - - - - - -	1,260	667	95	177	47	181	14	8	7	60	4
INTERNATIONAL ECONOMICS - - - - -	604	293	166	67	15	32	7	1	1	29	3
BUSINESS ORGANIZATION - FINANCE - MARKETING - ACCOUNTING - - - - -	2,157	1,139	58	22	41	761	60	15	7	40	10
INDUSTRIAL ORGANIZATION - - - - -	875	366	133	36	35	186	19	9	5	82	4
AGRICULTURE - NATURAL RESOURCES -	1,501	833	413	38	48	93	19	4	3	41	9
MANPOWER - LABOR - POPULATION - -	828	442	123	55	52	34	11	7	7	52	3
WELFARE PROGRAMS - CONSUMER ECONOMICS - URBAN AND REGIONAL ECONOMICS - - - - - - - - - - -	1,073	517	153	111	105	104	32	5	7	38	1
ECONOMICS, OTHER - - - - - - - - -	1,954	1,211	118	55	59	323	23	56	17	88	16
SOCIO-CULTURAL THEORY - - - - - -	678	600	4	7	5	1	2	------	1	43	15
METHODOLOGY-SOCIOLOGY - - - - - -	655	431	29	30	49	29	4	7	9	49	18
DEMOGRAPHY AND POPULATION - - - -	378	233	37	71	31	4	------	3	2	32	15
RURAL-URBAN SOCIOLOGY - - - - - -	661	506	19	24	19	15	4	1	4	52	17
SOCIAL CHANGE AND DEVELOPMENT - -	457	327	17	17	33	10	5	1	7	37	8
SOCIAL ORGANIZATION, STRUCTURE AND INSTITUTIONS - - - - - - - - -	2,527	1,953	48	76	125	31	19	16	21	175	63
SOCIAL PROBLEMS, SOCIAL DISORGANIZATION - - - - - - - - - -	1,007	721	32	107	67	4	8	5	6	45	12
SOCIOLOGY, OTHER - - - - - - - - -	494	302	10	17	19	5	4	3	5	78	55
POLITICAL THEORY - - - - - - - - -	476	424	1	5	6	1	1	2	------	29	9
METHODOLOGY-POLITICAL SCIENCE - -	150	113	9	4	8	13	------	1	3	5	2
PUBLIC POLICY-FORMATION AND IMPACT - - - - - -	499	284	68	18	41	19	2	36	6	21	5
PUBLIC ADMINISTRATION - - - - - -	867	486	133	103	54	26	5	16	9	14	5
POLITICAL STABILITY, INSTABILITY, AND CHANGE - - - - - - - - - - - -	219	164	5	4	11	8	2	3	2	15	5
FOREIGN AND CROSS-NATIONAL POLITICAL INSTITUTIONS AND BEHAVIOR - - - - - - - - - - - -	1,337	1,113	49	12	28	8	2	12	7	88	8
U S POLITICAL INSTITUTIONS, PROCESSES, AND BEHAVIOR - - - -	1,606	1,336	39	66	43	13	13	8	17	61	10
INTERNATIONAL LAW, ORGANIZATION, AND POLITICS - - - - - - - - - -	880	733	32	12	15	7	2	16	2	56	7
POLITICAL SCIENCE, OTHER - - - - -	456	292	38	12	21	13	2	16	5	43	12
ARCHEOLOGY/PREHISTORY - - - - - -	271	210	8	3	1	------	2	------	33	14	------
LINGUISTIC ANTHROPOLOGY/ANTHROPOLOGICAL LINGUISTICS - -	45	38	3	1	1	1	------	------	------	------	------
BIOLOGICAL/PHYSICAL ANTHROPOLOGY -	88	76	4	1	2	------	2	1	5	3	1
CULTURAL/SOCIAL ANTHROPOLOGY, ETHNOLOGY - - - - - - - - - - -	800	696	10	6	20	10	7	1	26	24	------
ANTHROPOLOGY, OTHER - - - - - - -	158	96	4	4	12	2	3	------	7	25	5
APPLICATIONS TO LANGUAGE TEACHING	449	355	26	3	16	8	5	1	9	50	2
DESCRIPTIVE LINGUISTICS - - - - -	405	276	8	------	35	13	2	2	5	64	4
GENERAL LINGUISTICS - - - - - - -	127	92	2	------	9	1	2	1	------	15	------
HISTORICAL AND COMPARATIVE LINGUISTICS - - - - - - - - - - -	256	222	------	------	2	------	------	1	------	27	4
LANGUAGE IN RELATION TO OTHER FIELDS - - - - - - - - - - - - -	189	149	3	1	8	1	3	------	2	21	1
LANGUAGE POLICIES - - - - - - - -	16	9	------	------	3	1	------	------	------	3	------
LITERACY AND WRITING SYSTEMS - - -	8	6	------	------	2	------	------	------	------	------	------
MECHANIZED APPLICATIONS - - - - -	41	20	2	------	4	11	1	------	------	3	------
PHONETICS - - - - - - - - - - - -	39	32	1	------	------	1	------	1	1	2	1
LINGUISTICS, OTHER - - - - - - - -	373	260	14	1	45	12	2	9	8	21	1
OTHER SPECIALTIES - - - - - - - -	9,159	2,123	805	409	369	5,076	257	745	167	200	42

SOURCE - NATIONAL REGISTER OF SCIENTIFIC AND TECHNICAL PERSONNEL, 1970.

TABLE B-49A. NUMBER OF DOCTORATE SCIENTISTS, BY SUBFIELD AND TYPE OF EMPLOYER, 1973

SCIENTIFIC AND TECHNICAL SUBFIELD	TOTAL	TYPE OF EMPLOYER								NOT EMPLOYED	NO REPORT OF TYPE OF EMPLOYER
		EDUCATIONAL INSTITUTIONS	FEDERAL GOVERNMENT	OTHER GOVERNMENT	NONPROFIT ORGANIZATIONS	INDUSTRY AND BUSINESS	SELF-EMPLOYED	MILITARY	OTHER		
ALL SUBFIELDS	125,294	75,109	9,119	2,978	5,500	25,061	2,181	995	733	2,660	524
ANALYTICAL CHEMISTRY	1,667	532	103	32	42	871	10	12	13	45	7
INORGANIC CHEMISTRY	1,679	821	99	11	26	628	9	9	16	55	5
MACROMOLECULAR CHEMISTRY	3,616	222	111	12	37	3,113	37	2	8	61	18
ORGANIC CHEMISTRY	6,257	1,822	229	20	100	3,741	32	38	11	142	22
RELATED CHEMICAL SPECIALTIES	1,949	303	137	29	76	1,271	37	12	29	48	7
AGRICULTURAL CHEMISTRY	437	86	49	3	7	271	7	3	------	7	1
FOOD SCIENCE AND TECHNOLOGY	745	203	90	7	13	400	20	4	3	22	3
BIOCHEMISTRY	6,095	3,690	509	160	606	828	18	88	40	116	40
PHYSICAL CHEMISTRY	4,261	1,957	323	43	142	1,576	21	21	52	110	16
CHEMISTRY, OTHER	5,171	2,999	96	26	123	1,563	71	20	43	181	31
GEOCHEMISTRY	440	280	55	5	19	66	1	2	5	5	2
GEODESY	18	8	4	------	1	3	------	1	1	------	------
GEOLOGY	2,518	1,306	338	108	17	612	82	4	4	44	3
PALEONTOLOGY	465	316	42	11	7	68	1	1	8	7	2
SOLID-EARTH GEOPHYSICS	467	206	42	3	18	183	4	------	------	8	------
GEOGRAPHY	908	831	34	6	7	11	5	5	2	6	1
HYDROLOGY	176	103	43	9	3	9	5	1	1	2	------
OCEANOGRAPHY	463	290	96	11	22	26	2	2	7	5	2
EARTH SCIENCE, OTHER	166	72	21	5	5	50	2	2	1	5	3
MARINE SCIENCE, OTHER	8	3	3	1	1	------	------	------	------	------	------
ATMOSPHERIC STRUCTURE AND DYNAMICS	605	359	121	2	33	71	1	11	------	5	2
CLIMATOLOGY	73	55	14	------	------	2	------	------	1	------	1
WEATHER ANALYSIS AND FORECASTING	28	8	15	------	------	1	------	4	------	------	------
METEOROLOGICAL AREA SPECIALIZATIONS	142	67	31	2	6	22	3	7	1	3	------
INSTRUMENTATION AND TECHNIQUES	68	25	14	------	3	22	1	2	------	------	1
PLANETOLOGY	153	44	47	3	3	50	2	1	1	1	1
SOLAR-PLANETARY RELATIONSHIPS	337	173	80	1	20	47	3	3	------	6	------
ATMOSPHERIC SCIENCE, OTHER	97	52	14	2	4	12	------	5	------	5	3
SPACE SCIENCE, OTHER	13	3	3	------	------	7	------	------	------	------	------
ACOUSTICS	427	144	67	------	8	187	9	1	------	10	1
ATOMS AND MOLECULES	672	378	50	1	86	129	2	5	2	17	2
ELECTROMAGNETISM	532	211	66	1	26	202	13	1	------	17	------
ELEMENTARY PARTICLES AND FIELDS	1,345	1,222	36	6	16	19	------	------	16	26	4
MECHANICS	410	240	49	------	7	89	5	4	------	16	2
NUCLEI	1,423	1,063	91	1	23	188	3	11	8	33	2
OPTICS	987	336	90	1	30	510	12	6	------	23	3
FLUIDS	1,001	616	82	2	33	238	5	7	4	16	------
SOLIDS	3,256	1,490	301	2	55	1,307	17	16	5	60	3
THERMAL PHYSICS	463	320	38	1	6	84	5	1	------	8	------
INSTRUMENTATION	959	407	63	4	25	395	21	11	2	31	------
PHYSICS, OTHER	2,201	1,705	90	3	56	228	27	16	8	68	6
ADDITIONAL ASTRO-PHYSICAL SPECIALTIES	621	456	89	3	32	28	5	1	------	9	------
ALGEBRA	1,054	992	15	3	6	12	------	4	1	20	1
ANALYSIS AND FUNCTIONAL ANALYSIS	2,006	1,805	48	4	19	71	6	11	3	35	2
GEOMETRY	271	250	5	------	2	1	1	------	------	11	1
LOGIC	261	239	3	1	4	5	1	1	------	6	1
OPERATIONS RESEARCH	1,012	462	88	5	86	361	6	27	2	13	1
NUMBER THEORY	203	187	1	------	2	------	1	------	2	8	2
NUMERICAL ANALYSIS	360	209	20	1	8	106	------	5	5	6	------
TOPOLOGY	677	642	2	5	8	3	------	3	2	13	1
PROBABILITY	349	267	8	2	7	51	1	3	------	10	------
MATHEMATICS, OTHER	1,345	1,111	31	18	26	101	8	4	5	35	8
COMPUTING THEORY	111	83	4	------	1	20	------	1	------	2	------
COMPUTER NUMERICAL PROCESSING	170	92	14	------	3	55	1	2	------	3	------
COMPUTER NON-NUMERICAL PROCESSING	246	141	10	1	17	71	3	3	------	2	------
BUSINESS DATA PROCESSING	241	97	9	6	5	108	5	5	3	2	1
COMPUTER HARDWARE DESIGN	129	66	------	------	------	56	4	1	1	1	------
SYSTEMS PROGRAMMING AND SOFTWARE DESIGN AND IMPLEMENTATION	353	124	9	2	12	188	7	4	2	4	1
COMPUTER SCIENCE, OTHER	587	193	20	5	26	313	7	10	1	5	------
AGRONOMY	765	464	105	16	24	137	6	1	4	2	6
ANIMAL HUSBANDRY	458	372	28	3	5	37	3	1	4	4	1
FISH AND WILDLIFE	360	166	126	42	7	9	1	------	2	6	1
FORESTRY	327	199	102	4	3	12	2	------	2	------	1
RANGE MANAGEMENT	86	58	22	2	------	1	------	------	------	1	------
HORTICULTURE	616	495	44	20	8	42	2	------	3	4	2
SOIL SCIENCE	686	462	147	11	9	37	10	------	4	9	2
AGRICULTURAL SCIENCES, OTHER	616	288	98	11	25	176	4	1	5	5	4
ANATOMY	667	595	8	6	19	5	------	5	6	3	5
BOTANY	1,268	1,096	60	13	30	8	1	1	7	23	3
ECOLOGY	1,357	1,014	127	29	66	56	6	5	16	26	6
ENTOMOLOGY	1,136	675	246	43	27	86	1	31	5	19	5
GENETICS	1,170	848	117	18	69	81	3	2	10	21	1
IMMUNOLOGY	569	323	57	16	75	66	------	13	5	15	1
MICROBIOLOGY	2,206	1,286	235	80	143	365	4	53	13	35	15
NUTRITION	799	517	52	8	20	170	11	3	5	10	3
PATHOLOGY	340	216	19	9	36	40	9	8	2	2	1
PHARMACOLOGY	1,767	575	101	20	51	980	7	13	5	12	3
PHYSIOLOGY	2,581	2,066	226	25	101	91	7	33	5	90	16
PLANT PATHOLOGY	891	533	219	49	14	56	4	2	5	9	2
VIROLOGY	620	295	89	29	68	115	------	26	6	3	1
ZOOLOGY	1,440	1,255	60	19	37	19	------	4	16	26	7
BIOPHYSICS	778	527	63	13	69	69	5	13	6	7	8
BIOLOGY, BIOMEDICAL SCIENCES	5,640	3,972	552	76	217	511	56	90	20	56	80

TABLE A-69B. NUMBER OF DOCTORATE SCIENTISTS BY SUBFIELD AND TYPE OF EMPLOYER, 1973--CONTINUED

SCIENTIFIC AND TECHNICAL SUBFIELD	TOTAL	TYPE OF EMPLOYER								NOT EMPLOYED	NO REPORT OF TYPE OF EMPLOYER
		EDUCATIONAL INSTITUTIONS	FEDERAL GOVERNMENT	OTHER GOVERNMENT	NONPROFIT ORGANIZATIONS	INDUSTRY AND BUSINESS	SELF-EMPLOYED	MILITARY	OTHER		
CLINICAL PSYCHOLOGY	5,150	1,776	401	701	626	267	993	44	17	98	41
COUNSELING PSYCHOLOGY	1,773	1,342	107	66	79	31	76	2	8	58	4
DEVELOPMENTAL PSYCHOLOGY	786	665	20	23	28	7	2	3	9	21	7
EDUCATIONAL PSYCHOLOGY	1,899	1,514	41	67	125	58	13	5	21	34	8
ENGINEERING PSYCHOLOGY	354	60	51	3	18	196	6	7	------	4	1
ORGANIZATION AND PERSONNEL PSYCHOLOGY	1,180	404	59	25	98	457	96	15	15	19	5
PERSONALITY	377	326	7	7	20	1	7	1	1	9	------
SCHOOL PSYCHOLOGY	578	487	9	33	10	5	8	------	8	12	6
COMMUNITY PSYCHOLOGY	417	120	26	143	96	15	10	6	7	7	1
EXPERIMENTAL, COMPARATIVE, AND PHYSIOLOGICAL PSYCHOLOGY	2,553	2,070	150	77	98	50	6	30	8	40	10
PSYCHOMETRICS	417	280	28	14	29	46	4	2	7	9	2
SOCIAL PSYCHOLOGY	1,175	971	43	26	55	29	10	10	7	20	4
PSYCHOLOGY, OTHER	1,230	681	86	73	87	65	66	19	6	141	15
STATISTICS	1,489	983	120	16	52	256	15	12	2	17	5
GENERAL ECONOMICS - THEORY - HISTORY - SYSTEMS	1,062	969	16	8	11	29	6	2	------	26	1
ECONOMIC GROWTH AND DEVELOPMENT	667	420	76	68	47	52	8	------	1	8	1
ECONOMIC STATISTICS	309	247	19	11	9	17	1	4	------	5	1
MONETARY AND FISCAL THEORY AND INSTITUTIONS	766	498	67	92	30	53	7	3	1	13	------
INTERNATIONAL ECONOMICS	356	227	51	37	11	16	3	1	------	11	1
BUSINESS ORGANIZATION - FINANCE - MARKETING - ACCOUNTING	1,069	830	13	6	16	176	20	1	------	10	1
INDUSTRIAL ORGANIZATION	377	253	40	7	15	38	9	3	------	12	------
AGRICULTURE - NATURAL RESOURCES	855	626	156	13	20	22	5	1	1	9	2
MANPOWER - LABOR - POPULATION	465	375	26	13	27	4	6	2	1	11	------
WELFARE PROGRAMS - CONSUMER ECONOMICS - URBAN AND REGIONAL ECONOMICS	545	369	56	30	40	21	13	1	1	8	------
ECONOMICS, OTHER	763	596	21	16	32	63	5	5	8	17	4
SOCIO-CULTURAL THEORY	327	317	4	2	1	------	------	------	------	2	1
METHODOLOGY-SOCIOLOGY	280	235	5	3	18	7	4	2	4	2	------
DEMOGRAPHY AND POPULATION	199	159	11	3	15	2	------	------	2	5	2
RURAL-URBAN SOCIOLOGY	362	329	10	1	9	5	1	------	------	5	2
SOCIAL CHANGE AND DEVELOPMENT	236	202	8	3	13	2	3	------	2	3	------
SOCIAL ORGANIZATION, STRUCTURE AND INSTITUTIONS	1,380	1,213	22	27	90	11	11	4	8	20	5
SOCIAL PROBLEMS, SOCIAL DISORGANIZATION	396	336	12	21	12	2	2	3	1	5	------
SOCIOLOGY, OTHER	144	118	2	2	8	3	1	------	2	3	5
POLITICAL THEORY	339	317	1	3	2	------	1	------	------	11	4
METHODOLOGY-POLITICAL SCIENCE	77	63	5	------	1	3	------	1	------	3	1
PUBLIC POLICY-FORMATION AND IMPACTS	321	218	35	8	29	9	1	11	4	3	3
PUBLIC ADMINISTRATION	483	368	37	20	30	7	1	2	4	4	7
POLITICAL STABILITY, INSTABILITY, AND CHANGE	119	105	------	1	4	3	------	------	------	4	2
FOREIGN AND CROSS-NATIONAL POLITICAL INSTITUTIONS AND BEHAVIOR	901	815	28	4	19	5	------	5	2	19	4
U S POLITICAL INSTITUTIONS, PROCESSES, AND BEHAVIOR	911	815	19	19	16	5	8	2	4	19	4
INTERNATIONAL LAW, ORGANIZATION, AND POLITICS	596	539	16	6	9	3	1	2	1	16	3
POLITICAL SCIENCE, OTHER	219	156	11	4	9	4	------	1	1	29	4
ARCHEOLOGY/PREHISTORY	249	203	7	2	1	------	2	------	26	8	------
LINGUISTIC ANTHROPOLOGY/ANTHROPOLOGICAL LINGUISTICS	64	59	3	1	1	------	------	------	------	------	------
BIOLOGICAL/PHYSICAL ANTHROPOLOGY	91	75	2	1	2	------	2	1	4	3	1
CULTURAL/SOCIAL ANTHROPOLOGY, ETHNOLOGY	778	682	10	6	19	9	6	1	23	22	------
ANTHROPOLOGY, OTHER	109	66	4	3	10	1	3	------	4	14	4
APPLICATIONS TO LANGUAGE TEACHING	226	206	5	2	3	------	------	1	5	4	------
DESCRIPTIVE LINGUISTICS	243	207	1	------	17	5	1	------	1	8	3
GENERAL LINGUISTICS	88	77	1	------	6	1	2	------	------	1	------
HISTORICAL AND COMPARATIVE LINGUISTICS	200	190	------	------	1	------	------	------	------	8	1
LANGUAGE IN RELATION TO OTHER FIELDS	121	113	2	------	4	------	2	------	------	------	------
LANGUAGE POLICIES	9	6	------	------	1	1	------	------	------	1	------
LITERACY AND WRITING SYSTEMS	2	------	------	------	2	------	------	------	------	------	------
MECHANIZED APPLICATIONS	18	7	1	------	1	8	1	------	------	------	------
PHONETICS	29	29	1	------	------	1	------	------	------	1	1
LINGUISTICS, OTHER	200	176	5	------	11	3	------	------	3	3	1
OTHER SPECIALTIES	2,520	995	228	66	123	936	56	55	40	35	21

SOURCE - NATIONAL REGISTER OF SCIENTIFIC AND TECHNICAL PERSONNEL, 1973

TABLE A-6MC. NUMBER OF MASTER'S DEGREE SCIENTISTS, BY SUBFIELD AND TYPE OF EMPLOYER, 1970

SCIENTIFIC AND TECHNICAL SUBFIELD	TOTAL	TYPE OF EMPLOYER								NOT EMPLOYED	NO REPORT OF TYPE OF EMPLOYER
		EDUCATIONAL INSTITUTIONS	FEDERAL GOVERNMENT	OTHER GOVERNMENT	NONPROFIT ORGANIZATIONS	INDUSTRY AND BUSINESS	SELF-EMPLOYED	MILITARY	OTHER		
ALL SUBFIELDS - - - - - - - -	93,540	38,341	8,768	4,047	2,996	27,786	1,481	2,642	556	5,459	556
ANALYTICAL CHEMISTRY - - - - - - -	1,579	235	176	41	25	970	5	25	24	56	12
INORGANIC CHEMISTRY - - - - - - -	691	242	25	7	10	325	1	9	7	53	12
MACROMOLECULAR CHEMISTRY - - - - -	1,914	77	55	------	23	1,736	26	1	6	65	11
ORGANIC CHEMISTRY - - - - - - - -	2,582	456	119	14	97	1,715	25	36	14	145	24
RELATED CHEMICAL SPECIALTIES - - -	2,472	116	193	100	58	1,818	29	33	30	78	17
AGRICULTURAL CHEMISTRY - - - - - -	291	28	39	29	3	167	6	1	------	15	3
FOOD SCIENCE AND TECHNOLOGY - - -	556	47	43	12	6	400	13	1	6	26	2
BIOCHEMISTRY - - - - - - - - - -	1,145	415	110	33	135	260	3	52	14	94	29
PHYSICAL CHEMISTRY - - - - - - - -	1,196	387	127	14	76	466	12	36	10	101	19
CHEMISTRY, OTHER - - - - - - - -	5,552	2,273	148	58	175	2,440	41	82	92	219	34
GEOCHEMISTRY - - - - - - - - - -	157	71	27	2	2	35	3	1	1	14	1
GEODESY - - - - - - - - - - - -	82	8	29	------	2	13	------	26	2	2	------
GEOLOGY - - - - - - - - - - - -	4,249	651	371	243	16	2,440	296	17	19	171	25
PALEONTOLOGY - - - - - - - - - -	270	116	6	4	6	103	5	1	3	26	4
SOLID-EARTH GEOPHYSICS - - - - - -	653	97	65	8	4	421	16	8	2	28	4
GEOGRAPHY - - - - - - - - - - -	1,292	880	96	68	27	57	10	31	2	115	16
HYDROLOGY - - - - - - - - - - -	363	50	218	34	3	28	12	2	2	14	1
OCEANOGRAPHY - - - - - - - - - -	399	139	132	9	8	40	1	37	3	26	4
EARTH SCIENCE, OTHER - - - - - - -	433	281	38	4	7	37	7	7	1	48	3
MARINE SCIENCE, OTHER - - - - - -	4	------	2	------	------	1	------	1	------	------	------
ATMOSPHERIC STRUCTURE AND DYNAMICS	539	201	150	1	32	54	2	60	1	37	1
CLIMATOLOGY - - - - - - - - - -	141	43	49	1	1	4	2	32	------	6	3
WEATHER ANALYSIS AND FORECASTING -	408	17	132	3	4	21	4	206	1	20	------
METEOROLOGICAL AREA SPECIALIZATIONS - - - - - - - -	486	75	149	16	10	71	6	132	2	22	3
INSTRUMENTATION AND TECHNIQUES - -	158	28	40	1	1	61	1	17	1	6	2
PLANETOLOGY - - - - - - - - - -	63	20	21	------	4	9	1	4	------	3	1
SOLAR-PLANETARY RELATIONSHIPS - -	190	87	42	------	5	16	------	27	------	14	1
ATMOSPHERIC SCIENCE, OTHER - - - -	129	26	27	5	7	13	1	32	------	11	7
SPACE SCIENCE, OTHER - - - - - - -	21	2	6	------	------	5	------	7	------	------	1
ACOUSTICS - - - - - - - - - - -	480	86	138	1	12	193	5	19	------	24	2
ATOMS AND MOLECULES - - - - - - -	277	179	23	1	5	24	------	9	------	31	5
ELECTROMAGNETISM - - - - - - - -	477	83	118	1	18	204	4	28	------	19	2
ELEMENTARY PARTICLES AND FIELDS -	435	329	6	1	1	6	------	5	------	77	10
MECHANICS - - - - - - - - - - -	297	68	57	1	5	97	1	6	------	56	6
NUCLEI - - - - - - - - - - - - -	618	399	67	------	8	97	1	35	------	72	16
OPTICS - - - - - - - - - - - - -	938	191	122	------	16	478	9	46	------	69	9
FLUIDS - - - - - - - - - - - - -	386	157	66	1	10	92	3	8	------	40	9
SOLIDS - - - - - - - - - - - - -	1,611	590	166	1	16	593	5	27	------	185	28
THERMAL PHYSICS - - - - - - - - -	220	108	18	------	3	45	------	5	------	38	3
INSTRUMENTATION - - - - - - - - -	976	219	113	1	25	519	10	31	------	52	6
PHYSICS, OTHER - - - - - - - - -	3,438	2,741	69	17	21	185	10	57	7	287	44
ADDITIONAL ASTRO-PHYSICAL SPECIALTIES - - - - - - - - -	255	143	40	------	10	16	2	5	------	36	3
ALGEBRA - - - - - - - - - - - -	917	771	16	5	2	21	5	8	1	81	9
ANALYSIS AND FUNCTIONAL ANALYSES -	1,089	876	33	3	12	46	3	13	6	93	4
GEOMETRY - - - - - - - - - - - -	310	278	4	2	------	5	2	------	1	17	1
LOGIC - - - - - - - - - - - - -	158	108	8	------	2	10	1	4	1	21	3
OPERATIONS RESEARCH - - - - - - -	2,051	191	276	29	153	1,116	20	185	13	58	10
NUMBER THEORY - - - - - - - - - -	117	106	1	------	1	1	------	1	------	7	------
NUMERICAL ANALYSIS - - - - - - - -	416	123	68	6	8	163	2	12	2	29	3
TOPOLOGY - - - - - - - - - - - -	288	224	4	2	------	4	------	4	------	46	4
PROBABILITY - - - - - - - - - - -	211	92	18	1	4	67	------	10	1	18	------
MATHEMATICS, OTHER - - - - - - - -	4,861	3,585	88	67	44	615	28	43	27	342	22
COMPUTING THEORY - - - - - - - -	160	94	8	1	1	36	2	2	------	15	1
COMPUTER NUMERICAL PROCESSING - -	415	108	51	4	18	212	2	5	4	10	1
COMPUTER NON-NUMERICAL PROCESSING	767	192	59	4	53	371	16	43	2	26	1
BUSINESS DATA PROCESSING - - - - -	1,816	190	86	27	33	1,300	37	90	16	26	5
COMPUTER HARDWARE DESIGN - - - - -	291	76	11	3	3	180	5	6	2	5	------
SYSTEMS PROGRAMMING AND SOFTWARE DESIGN AND IMPLEMENTATION - - -	2,076	295	117	13	57	1,476	13	62	12	29	2
COMPUTER SCIENCE, OTHER - - - - -	1,169	160	97	15	67	711	11	76	6	22	6
AGRONOMY - - - - - - - - - - - -	460	239	55	10	12	109	11	1	2	18	3
ANIMAL HUSBANDRY - - - - - - - - -	310	206	13	12	10	39	9	1	2	13	5
FISH AND WILDLIFE - - - - - - - -	1,075	101	353	529	16	19	5	2	4	38	8
FORESTRY - - - - - - - - - - - -	1,273	217	545	102	16	303	43	4	5	34	4
RANGE MANAGEMENT - - - - - - - -	181	40	118	3	1	5	2	------	2	10	------
HORTICULTURE - - - - - - - - - -	361	227	20	17	6	57	9	1	2	16	6
SOIL SCIENCE - - - - - - - - - -	331	108	144	8	1	28	8	5	5	20	4
AGRICULTURAL SCIENCES, OTHER - - -	464	171	72	23	10	118	22	18	8	16	6
ANATOMY - - - - - - - - - - - -	105	88	4	3	2	------	------	1	------	5	2
BOTANY - - - - - - - - - - - - -	535	421	18	10	5	10	4	2	3	54	8
ECOLOGY - - - - - - - - - - - -	986	601	150	75	25	23	3	6	7	81	13
ENTOMOLOGY - - - - - - - - - - -	766	256	210	85	8	89	17	42	2	51	6
GENETICS - - - - - - - - - - - -	207	119	25	4	7	18	------	2	3	27	2
IMMUNOLOGY - - - - - - - - - - -	107	50	13	4	12	13	------	4	------	10	1
MICROBIOLOGY - - - - - - - - - -	1,086	353	141	80	136	254	7	45	10	76	12
NUTRITION - - - - - - - - - - -	212	93	11	3	4	77	6	4	1	11	2
PATHOLOGY - - - - - - - - - - -	52	16	6	5	5	10	------	7	1	1	1
PHARMACOLOGY - - - - - - - - - -	76	15	9	1	3	41	------	3	------	3	1
PHYSIOLOGY - - - - - - - - - - -	418	291	23	10	10	21	------	16	1	43	3
PLANT PATHOLOGY - - - - - - - - -	228	127	42	20	1	16	------	5	------	12	5
VIROLOGY - - - - - - - - - - - -	149	51	18	10	12	28	------	12	------	17	1
ZOOLOGY - - - - - - - - - - - -	711	587	12	14	9	6	3	4	3	67	6
BIOPHYSICS - - - - - - - - - - -	398	192	35	10	46	48	6	30	------	27	4
BIOLOGY, BIOMEDICAL SCIENCES - - -	3,332	2,526	120	103	87	214	33	60	20	115	40

TABLE A-49C. NUMBER OF MASTER'S DEGREE SCIENTISTS BY SUBFIELD AND TYPE OF EMPLOYER, 1970--CONTINUED

SCIENTIFIC AND TECHNICAL SUBFIELD	TOTAL	TYPE OF EMPLOYER								NOT EMPLOYED	NO REPORT OF TYPE OF EMPLOYER
		EDUCATIONAL INSTITUTIONS	FEDERAL GOVERNMENT	OTHER GOVERNMENT	NONPROFIT ORGANIZATIONS	INDUSTRY AND BUSINESS	SELF-EMPLOYED	MILITARY	OTHER		
CLINICAL PSYCHOLOGY	2,000	425	51	689	349	97	182	22	18	145	22
COUNSELING PSYCHOLOGY	957	492	72	122	132	33	42	3	3	54	4
DEVELOPMENTAL PSYCHOLOGY	233	164	4	17	16	4	2	------	4	21	1
EDUCATIONAL PSYCHOLOGY	972	778	14	64	40	21	13	5	5	22	10
ENGINEERING PSYCHOLOGY	234	10	54	2	14	121	4	19	------	9	1
ORGANIZATION AND PERSONNEL PSYCHOLOGY	622	58	69	36	35	330	46	17	3	20	8
PERSONALITY	57	50	------	1	1	------	------	1	------	4	------
SCHOOL PSYCHOLOGY	1,819	1,603	7	86	36	2	7	1	7	63	7
COMMUNITY PSYCHOLOGY	113	14	3	52	30	5	2	2	1	1	3
EXPERIMENTAL, COMPARATIVE, AND PHYSIOLOGICAL PSYCHOLOGY	340	220	17	15	19	20	3	7	3	29	7
PSYCHOMETRICS	175	53	42	14	8	33	2	2	2	18	1
SOCIAL PSYCHOLOGY	438	256	17	8	30	30	6	8	3	64	16
PSYCHOLOGY, OTHER	736	380	28	62	22	28	12	20	6	161	17
STATISTICS	1,941	500	356	83	86	711	21	61	11	95	17
GENERAL ECONOMICS - THEORY - HISTORY - SYSTEMS	501	388	18	7	7	19	2	2	------	55	3
ECONOMIC GROWTH AND DEVELOPMENT	368	107	63	31	30	74	9	14	------	34	6
ECONOMIC STATISTICS	187	88	34	9	14	19	1	5	------	17	------
MONETARY AND FISCAL THEORY AND INSTITUTIONS	418	144	40	68	13	93	4	5	6	41	4
INTERNATIONAL ECONOMICS	185	47	81	21	4	11	3	------	------	16	2
BUSINESS ORGANIZATION - FINANCE - MARKETING - ACCOUNTING	876	297	34	13	19	438	27	11	5	25	7
INDUSTRIAL ORGANIZATION	323	74	60	20	17	109	10	6	3	20	4
AGRICULTURE - NATURAL RESOURCES	540	191	209	21	14	56	12	2	1	28	6
MANPOWER - LABOR - POPULATION	278	91	61	29	18	22	5	5	6	38	3
WELFARE PROGRAMS - CONSUMER ECONOMICS - URBAN AND REGIONAL ECONOMICS	409	120	69	60	46	65	10	4	6	28	1
ECONOMICS, OTHER	948	562	62	23	16	158	12	27	5	72	11
SOCIO-CULTURAL THEORY	292	242	------	3	4	1	------	------	1	31	10
METHODOLOGY-SOCIOLOGY	290	150	16	24	24	19	------	3	3	35	16
DEMOGRAPHY AND POPULATION	137	62	16	15	12	1	------	3	------	21	7
RURAL-URBAN SOCIOLOGY	259	171	9	14	7	7	2	1	4	34	10
SOCIAL CHANGE AND DEVELOPMENT	174	94	8	10	14	8	2	1	3	27	7
SOCIAL ORGANIZATION, STRUCTURE AND INSTITUTIONS	963	642	24	34	48	16	7	13	10	130	39
SOCIAL PROBLEMS, SOCIAL DISORGANIZATION	490	335	14	56	24	1	6	1	5	43	5
SOCIOLOGY, OTHER	244	150	6	8	7	3	1	2	3	44	20
POLITICAL THEORY	133	105	------	2	2	1	------	2	------	16	5
METHODOLOGY-POLITICAL SCIENCE	77	47	4	4	7	10	------	------	2	2	1
PUBLIC POLICY-FORMATION AND IMPACTS	175	64	33	10	12	10	1	23	2	17	3
PUBLIC ADMINISTRATION	352	116	91	70	24	17	4	12	5	10	3
POLITICAL STABILITY, INSTABILITY, AND CHANGE	97	57	5	3	7	5	2	3	2	11	2
FOREIGN AND CROSS-NATIONAL POLITICAL INSTITUTIONS AND BEHAVIOR	423	285	19	8	9	3	2	7	4	82	4
U S POLITICAL INSTITUTIONS, PROCESSES, AND BEHAVIOR	683	513	19	49	25	8	5	4	13	41	6
INTERNATIONAL LAW, ORGANIZATION, AND POLITICS	273	185	15	6	6	4	1	12	1	39	4
POLITICAL SCIENCE, OTHER	214	137	19	5	9	7	1	8	1	22	5
ARCHEOLOGY/PREHISTORY	15	3	1	1	------	------	------	------	6	4	------
LINGUISTIC ANTHROPOLOGY/ ANTHROPOLOGICAL LINGUISTICS	------	------	------	------	------	------	------	------	------	------	------
BIOLOGICAL/PHYSICAL ANTHROPOLOGY	2	2	------	------	------	------	------	------	------	------	------
CULTURAL/SOCIAL ANTHROPOLOGY, ETHNOLOGY	12	8	------	------	------	1	------	------	2	1	------
ANTHROPOLOGY, OTHER	36	26	------	1	------	1	------	------	2	6	------
APPLICATIONS TO LANGUAGE TEACHING	196	131	13	1	11	8	3	------	6	21	2
DESCRIPTIVE LINGUISTICS	114	55	3	------	7	3	1	------	1	43	1
GENERAL LINGUISTICS	26	10	1	------	4	------	------	1	------	10	------
HISTORICAL AND COMPARATIVE LINGUISTICS	39	24	------	------	1	------	------	------	------	12	2
LANGUAGE IN RELATION TO OTHER FIELDS	50	25	1	1	4	1	1	------	2	14	1
LANGUAGE POLICIES	5	2	------	------	1	------	------	------	------	2	------
LITERACY AND WRITING SYSTEMS	3	3	------	------	------	------	------	------	------	------	------
MECHANIZED APPLICATIONS	16	8	1	------	2	2	------	------	------	3	------
PHONETICS	4	4	------	------	------	------	------	------	------	------	------
LINGUISTICS, OTHER	131	74	4	1	23	7	1	2	5	14	------
OTHER SPECIALTIES	2,629	672	259	115	109	1,044	55	245	48	61	21

SOURCE - NATIONAL REGISTER OF SCIENTIFIC AND TECHNICAL PERSONNEL, 1970

TABLE A-49D. NUMBER OF BACHELOR'S DEGREE SCIENTISTS, BY SUBFIELD AND TYPE OF EMPLOYER, 1970

SCIENTIFIC AND TECHNICAL SUBFIELD	TOTAL	TYPE OF EMPLOYER								NOT EMPLOYED	NO REPORT OF TYPE OF EMPLOYER
		EDUCA-TIONAL INSTI-TUTIONS	FEDERAL GOVERN-MENT	OTHER GOVERN-MENT	NONPROFIT ORGANIZA-TIONS	INDUSTRY AND BUSINESS	SELF-EMPLOYED	MILITARY	OTHER		
ALL SUBFIELDS	83,740	12,743	12,321	4,336	1,732	42,272	1,981	2,792	643	4,171	749
ANALYTICAL CHEMISTRY	3,864	365	535	140	68	2,470	19	45	55	149	18
INORGANIC CHEMISTRY	1,355	371	48	11	13	743	11	21	21	88	24
MACROMOLECULAR CHEMISTRY	4,607	67	102	12	35	4,222	42	10	13	90	14
ORGANIC CHEMISTRY	5,469	1,040	248	41	52	3,519	35	75	20	354	85
RELATED CHEMICAL SPECIALTIES	5,659	99	445	288	58	4,366	73	72	79	158	21
AGRICULTURAL CHEMISTRY	689	25	93	52	2	470	15	4	4	22	2
FOOD SCIENCE AND TECHNOLOGY	1,416	24	84	28	12	1,168	34	3	10	43	10
BIOCHEMISTRY	1,854	685	173	51	191	384	14	42	23	237	54
PHYSICAL CHEMISTRY	1,650	559	142	19	31	654	6	41	15	151	32
CHEMISTRY, OTHER	7,158	1,284	277	67	143	4,590	115	215	81	324	62
GEOCHEMISTRY	149	52	30	2	2	35	4	4	1	16	3
GEODESY	104	2	64	2	------	15	------	18	------	3	------
GEOLOGY	5,970	316	533	367	17	3,651	778	50	21	217	20
PALEONTOLOGY	173	59	6	7	2	59	6	4	9	19	2
SOLID-EARTH GEOPHYSICS	1,548	59	109	15	5	1,281	33	8	2	28	8
GEOGRAPHY	446	138	106	60	7	59	11	15	1	43	6
HYDROLOGY	545	22	365	77	2	49	15	3	2	8	2
OCEANOGRAPHY	339	76	153	8	5	41	6	28	------	18	4
EARTH SCIENCE, OTHER	415	187	36	11	5	96	25	11	3	34	7
MARINE SCIENCE, OTHER	11	2	4	------	------	4	------	1	------	------	------
ATMOSPHERIC STRUCTURE AND DYNAMICS	309	85	104	8	5	33	------	48	3	18	5
CLIMATOLOGY	94	14	54	------	2	10	------	11	------	3	------
WEATHER ANALYSIS AND FORECASTING	1,539	18	560	5	2	112	4	762	1	73	2
METEOROLOGICAL AREA SPECIALIZATIONS	642	47	267	32	4	93	4	169	2	21	3
INSTRUMENTATION AND TECHNIQUES	172	14	50	------	5	80	2	18	------	3	------
PLANETOLOGY	38	11	13	1	------	8	1	------	------	4	------
SOLAR-PLANETARY RELATIONSHIPS	122	50	34	1	1	15	------	8	1	11	1
ATMOSPHERIC SCIENCE, OTHER	139	7	30	5	3	24	1	34	1	26	8
SPACE SCIENCE, OTHER	10	------	------	------	------	6	------	2	1	1	------
ACOUSTICS	422	35	165	2	15	173	12	4	------	16	------
ATOMS AND MOLECULES	139	77	9	------	1	21	------	4	------	25	2
ELECTROMAGNETISM	320	35	110	------	11	142	3	9	------	9	1
ELEMENTARY PARTICLES AND FIELDS	317	244	1	------	------	5	------	------	------	56	11
MECHANICS	221	37	68	------	1	80	2	5	1	26	1
NUCLEI	331	179	21	2	6	37	2	11	1	61	11
OPTICS	802	76	143	4	10	490	13	14	------	48	4
FLUIDS	186	66	40	1	1	65	------	1	1	11	------
SOLIDS	759	264	70	------	10	300	3	13	------	85	14
THERMAL PHYSICS	136	53	15	------	3	35	------	3	------	21	6
INSTRUMENTATION	928	120	189	4	19	,519	10	20	1	43	3
PHYSICS, OTHER	1,435	849	85	7	14	143	5	58	3	230	41
ADDITIONAL ASTRO-PHYSICAL SPECIALTIES	191	97	38	------	8	2	------	5	------	37	4
ALGEBRA	128	82	9	3	------	12	3	3	1	15	------
ANALYSIS AND FUNCTIONAL ANALYSIS	105	46	19	3	------	18	1	4	1	13	------
GEOMETRY	77	57	------	------	2	12	------	------	1	5	------
LOGIC	38	15	2	------	------	13	1	------	1	5	1
OPERATIONS RESEARCH	845	25	206	15	56	443	9	54	6	29	2
NUMBER THEORY	17	13	------	------	------	2	1	1	------	------	------
NUMERICAL ANALYSIS	137	13	42	3	1	65	3	1	1	7	1
TOPOLOGY	17	12	------	1	------	1	------	------	------	2	1
PROBABILITY	48	9	3	1	------	29	1	------	------	5	------
MATHEMATICS, OTHER	2,063	547	53	42	29	1,165	42	34	6	132	13
COMPUTING THEORY	58	17	8	------	------	27	------	------	1	5	------
COMPUTER NUMERICAL PROCESSING	286	43	69	4	13	145	1	3	1	7	------
COMPUTER NON-NUMERICAL PROCESSING	522	70	83	5	28	294	4	12	4	22	------
BUSINESS DATA PROCESSING	1,962	91	141	58	42	1,503	29	46	20	29	3
COMPUTER HARDWARE DESIGN	206	14	16	2	------	154	6	7	2	4	1
SYSTEMS PROGRAMMING AND SOFTWARE DESIGN AND IMPLEMENTATION	2,697	176	216	29	70	2,069	25	29	12	69	2
COMPUTER SCIENCE, OTHER	1,220	108	133	24	18	800	16	72	9	40	------
AGRONOMY	307	46	99	13	4	121	17	------	3	4	------
ANIMAL HUSBANDRY	167	45	12	17	11	40	31	1	1	4	5
FISH AND WILDLIFE	1,432	47	525	777	8	16	9	8	4	33	5
FORESTRY	4,904	105	2,232	973	37	1,290	146	12	14	74	21
RANGE MANAGEMENT	649	15	563	11	------	17	18	2	1	19	3
HORTICULTURE	163	53	12	12	7	62	10	------	2	2	3
SOIL SCIENCE	411	35	263	37	1	50	10	5	2	5	3
AGRICULTURAL SCIENCES, OTHER	596	64	195	68	10	161	37	31	6	18	6
ANATOMY	39	26	3	1	1	------	------	1	------	5	2
BOTANY	166	96	16	11	4	10	3	------	------	23	3
ECOLOGY	495	209	128	55	26	16	7	3	5	43	3
ENTOMOLOGY	453	79	172	55	6	87	15	9	5	22	3
GENETICS	65	25	3	3	5	11	1	------	1	15	1
IMMUNOLOGY	68	16	12	6	7	19	------	3	------	5	------
MICROBIOLOGY	840	118	138	106	112	274	3	12	6	64	7
NUTRITION	65	9	5	------	3	43	3	1	------	1	------
PATHOLOGY	45	13	11	3	8	6	1	3	------	------	------
PHARMACOLOGY	68	3	5	------	3	54	2	------	------	1	------
PHYSIOLOGY	145	87	13	5	10	7	1	3	2	16	1
PLANT PATHOLOGY	83	31	21	11	------	12	------	------	1	7	------
VIROLOGY	119	33	13	10	8	40	------	1	------	11	3
ZOOLOGY	225	138	19	17	12	7	1	1	4	25	1
BIOPHYSICS	183	58	33	10	28	33	4	4	1	9	3
BIOLOGY, BIOMEDICAL SCIENCES	2,051	1,031	143	120	104	266	50	85	44	176	32

TABLE A-49D. NUMBER OF BACHELOR'S DEGREE SCIENTISTS, BY SUBFIELD AND TYPE OF EMPLOYER, 1970--CONTINUED

SCIENTIFIC AND TECHNICAL SUBFIELD	TOTAL	TYPE OF EMPLOYER								NOT EMPLOYED	NO REPORT OF TYPE OF EMPLOYER
		EDUCA-TIONAL INSTI-TUTIONS	FEDERAL GOVERN-MENT	OTHER GOVERN-MENT	NONPROFIT ORGANIZA-TIONS	INDUSTRY AND BUSINESS	SELF-EMPLOYED	MILITARY	OTHER		
CLINICAL PSYCHOLOGY	61	8	3	22	6	1	11	------	------	9	1
COUNSELING PSYCHOLOGY	19	4	6	5	1	------	1	------	------	2	------
DEVELOPMENTAL PSYCHOLOGY	3	2	------	------	1	------	------	------	------	------	------
EDUCATIONAL PSYCHOLOGY	17	8	1	2	1	1	1	------	------	2	1
ENGINEERING PSYCHOLOGY	9	------	2	------	------	7	------	------	------	------	------
ORGANIZATION AND PERSONNEL PSYCHOLOGY	29	1	7	3	------	13	4	1	------	------	------
PERSONALITY	------	------	------	------	------	------	------	------	------	------	------
SCHOOL PSYCHOLOGY	26	23	------	1	1	------	------	------	------	1	------
COMMUNITY PSYCHOLOGY	5	1	1	2	------	1	------	------	------	------	------
EXPERIMENTAL, COMPARATIVE, AND PHYSIOLOGICAL PSYCHOLOGY	11	6	------	------	1	2	------	------	------	2	------
PSYCHOMETRICS	7	------	2	1	1	2	------	------	------	1	------
SOCIAL PSYCHOLOGY	97	48	3	3	2	3	2	3	1	21	11
PSYCHOLOGY, OTHER	51	20	5	3	2	7	1	2	3	6	2
STATISTICS	860	51	292	68	32	352	12	12	11	29	1
GENERAL ECONOMICS - THEORY - HISTORY - SYSTEMS	58	39	4	2	1	5	------	1	------	5	1
ECONOMIC GROWTH AND DEVELOPMENT	88	19	24	7	7	21	2	2	------	4	2
ECONOMIC STATISTICS	75	20	30	2	4	11	1	------	------	5	2
MONETARY AND FISCAL THEORY AND INSTITUTIONS	93	23	7	17	4	33	3	------	------	6	------
INTERNATIONAL ECONOMICS	57	8	33	6	------	7	1	------	1	1	------
BUSINESS ORGANIZATION - FINANCE - MARKETING - ACCOUNTING	194	10	10	5	6	141	11	3	1	5	2
INDUSTRIAL ORGANIZATION	99	17	32	9	3	36	------	------	2	------	------
AGRICULTURE - NATURAL RESOURCES	96	16	48	4	5	14	2	1	1	4	1
MANPOWER - LABOR - POPULATION	84	16	36	13	7	7	2	------	------	3	------
WELFARE PROGRAMS - CONSUMER ECONOMICS - URBAN AND REGIONAL ECONOMICS	112	27	28	21	11	17	6	------	------	2	------
ECONOMICS, OTHER	231	48	35	18	11	99	5	2	4	8	1
SOCIO-CULTURAL THEORY	56	38	------	2	------	------	2	------	------	10	4
METHODOLOGY-SOCIOLOGY	79	41	7	3	7	3	------	2	2	12	2
DEMOGRAPHY AND POPULATION	38	10	10	3	3	1	------	------	------	5	6
RURAL-URBAN SOCIOLOGY	57	24	------	9	3	3	1	------	------	13	4
SOCIAL CHANGE AND DEVELOPMENT	42	24	1	4	5	------	------	------	2	5	1
SOCIAL ORGANIZATION, STRUCTURE AND INSTITUTIONS	177	97	2	12	14	4	1	1	3	25	18
SOCIAL PROBLEMS, SOCIAL DISORGANIZATION	121	50	6	30	11	1	------	1	------	15	7
SOCIOLOGY, OTHER	102	31	10	7	4	3	2	1	------	31	13
POLITICAL THEORY	4	2	------	------	------	------	------	------	------	2	------
METHODOLOGY-POLITICAL SCIENCE	4	3	------	------	------	------	------	------	1	------	------
PUBLIC POLICY-FORMATION AND IMPACTS	3	2	------	------	------	------	------	------	------	1	------
PUBLIC ADMINISTRATION	11	1	5	5	------	------	------	------	------	------	------
POLITICAL STABILITY, INSTABILITY, AND CHANGE	3	2	------	------	------	------	------	------	------	------	1
FOREIGN AND CROSS-NATIONAL POLITICAL INSTITUTIONS AND BEHAVIOR	8	5	2	------	------	------	------	------	1	------	------
U S POLITICAL INSTITUTIONS, PROCESSES, AND BEHAVIOR	12	8	1	------	2	------	------	------	------	1	------
INTERNATIONAL LAW, ORGANIZATION, AND POLITICS	9	7	1	------	------	------	------	------	------	1	------
POLITICAL SCIENCE, OTHER	28	1	7	3	3	2	1	7	1	2	1
ARCHEOLOGY/PREHISTORY	5	3	------	------	------	------	------	------	------	2	------
LINGUISTIC ANTHROPOLOGY/ ANTHROPOLOGICAL LINGUISTICS	1	------	------	------	------	1	------	------	------	------	------
BIOLOGICAL/PHYSICAL ANTHROPOLOGY	2	1	1	------	------	------	------	------	------	------	------
CULTURAL/SOCIAL ANTHROPOLOGY, ETHNOLOGY	5	2	------	------	1	------	1	------	------	1	------
ANTHROPOLOGY, OTHER	12	6	------	------	2	------	------	------	1	3	------
APPLICATIONS TO LANGUAGE TEACHING	23	15	4	------	------	------	------	------	------	4	------
DESCRIPTIVE LINGUISTICS	42	12	1	------	9	5	------	2	1	12	------
GENERAL LINGUISTICS	12	7	------	------	1	------	------	------	------	4	------
HISTORICAL AND COMPARATIVE LINGUISTICS	14	5	------	------	------	------	------	1	------	7	1
LANGUAGE IN RELATION TO OTHER FIELDS	16	10	------	------	------	------	------	------	------	6	------
LANGUAGE POLICIES	2	1	------	------	1	------	------	------	------	------	------
LITERACY AND WRITING SYSTEMS	1	1	------	------	------	------	------	------	------	------	------
MECHANIZED APPLICATIONS	6	4	------	------	1	1	------	------	------	------	------
PHONETICS	6	3	------	------	------	------	------	1	1	1	------
LINGUISTICS, OTHER	38	11	4	------	10	2	1	7	------	3	------
OTHER SPECIALTIES	3,581	371	395	203	103	1,803	92	422	62	88	42

SOURCE - NATIONAL REGISTER OF SCIENTIFIC AND TECHNICAL PERSONNEL, 1970

TABLE A-50. NUMBER OF SCIENTISTS, BY SUBFIELD AND PRIMARY WORK ACTIVITY, 1970

SCIENTIFIC AND TECHNICAL SUBFIELD	TOTAL	PRIMARY WORK ACTIVITY											NOT EMPLOYED	NO REPORT OF WORK ACTIVITY
		RESEARCH AND DEVELOPMENT			MANAGEMENT OR ADMINISTRATION		TEACHING	PRO-DUCTION AND INSPEC-TION	CON-SULTING	EXPLORA-TION, FORE-CASTING, REPORTING	OTHER			
		TOTAL (A)	BASIC RESEARCH	APPLIED RESEARCH	TOTAL (B)	OF R&D								
ALL SUBFIELDS	312,644	97,078	44,544	40,704	68,708	29,723	72,408	16,086	14,544	14,535	8,113	12,908	8,264
ANALYTICAL CHEMISTRY	7,245	2,854	821	1,559	1,344	719	446	1,978	37	26	137	264	159
INORGANIC CHEMISTRY	3,759	1,730	963	541	702	446	651	304	26	10	41	199	96
MACROMOLECULAR CHEMISTRY	10,374	5,048	825	2,374	3,317	2,443	106	1,292	119	27	52	221	192
ORGANIC CHEMISTRY	14,401	7,049	3,569	2,280	3,187	2,014	1,233	1,578	83	51	151	698	371
RELATED CHEMICAL SPECIALTIES	10,256	2,573	284	1,248	3,165	1,496	228	3,056	368	92	298	295	181
AGRICULTURAL CHEMISTRY	1,438	532	158	260	449	254	9	300	29	20	23	45	31
FOOD SCIENCE AND TECHNOLOGY	2,805	780	158	348	1,043	657	90	623	78	18	21	96	56
BIOCHEMISTRY	9,545	6,181	5,250	824	1,051	628	1,050	314	61	33	106	455	294
PHYSICAL CHEMISTRY	7,158	4,171	2,623	1,276	1,018	772	1,101	192	43	29	58	365	181
CHEMISTRY, OTHER	18,034	2,031	362	659	4,299	1,329	5,588	2,870	380	440	1,226	729	471
GEOCHEMISTRY	749	382	290	89	66	45	188	18	6	24	4	35	26
GEODESY	212	50	13	36	72	17	15	21	2	26	12	5	9
GEOLOGY	12,841	1,450	764	646	2,172	546	1,724	1,308	578	4,632	130	437	410
PALEONTOLOGY	898	264	184	79	57	24	337	8	8	128	12	51	33
SOLID-EARTH GEOPHYSICS	2,762	594	262	315	506	135	124	46	49	1,280	33	64	66
GEOGRAPHY	2,646	233	124	106	294	94	1,531	38	25	226	39	163	97
HYDROLOGY	1,107	396	104	287	291	118	74	20	57	176	37	25	31
OCEANOGRAPHY	1,226	586	401	180	279	173	152	8	13	81	25	49	33
EARTH SCIENCE, OTHER	1,005	107	45	59	162	64	470	17	18	67	13	79	72
MARINE SCIENCE, OTHER	29	10	6	4	10	6	1	------	------	7	1	------	------
ATMOSPHERIC STRUCTURE AND DYNAMICS	1,470	880	502	363	197	152	176	7	13	72	16	62	47
CLIMATOLOGY	345	79	26	52	57	23	73	------	9	98	4	13	12
WEATHER ANALYSIS AND FORECASTING	2,575	54	12	42	680	41	64	27	21	1,479	66	124	60
METEOROLOGICAL AREA SPECIALIZATIONS	1,462	314	98	216	463	146	72	27	36	398	51	57	44
INSTRUMENTATION AND TECHNIQUES	438	153	26	123	146	87	19	28	11	40	16	9	16
PLANETOLOGY	257	153	117	31	44	37	23	1	3	14	2	8	9
SOLAR-PLANETARY RELATIONSHIP	657	427	350	73	94	71	47	1	5	28	10	31	14
ATMOSPHERIC SCIENCE, OTHER	371	91	32	56	95	44	28	9	9	34	17	49	39
SPACE SCIENCE, OTHER	44	7	3	4	25	16	3	------	1	5	1	1	1
ACOUSTICS	1,332	739	148	478	313	246	95	13	49	36	9	50	28
ATOMS AND MOLECULES	1,042	674	567	93	63	45	184	3	3	------	9	73	33
ELECTROMAGNETISM	1,333	711	118	477	299	239	164	15	22	31	13	46	32
ELEMENTARY PARTICLES AND FIELDS	2,108	1,443	1,410	22	66	52	331	------	1	28	3	159	77
MECHANICS	932	427	156	206	126	94	204	3	8	33	15	77	39
NUCLEI	2,359	1,360	1,076	236	220	161	446	6	9	47	14	169	88
OPTICS	2,738	1,699	373	948	502	389	213	29	38	37	23	140	57
FLUIDS	1,576	1,008	571	386	166	143	272	4	7	8	1	65	45
SOLIDS	5,639	3,564	2,130	1,143	671	525	826	22	24	38	15	330	149
THERMAL PHYSICS	802	486	324	125	61	45	146	1	6	8	3	67	24
INSTRUMENTATION	2,872	1,478	207	834	821	555	182	55	57	55	39	129	57
PHYSICS, OTHER	7,168	716	319	300	730	338	4,672	21	55	105	77	586	206
ADDITIONAL ASTRO-PHYSICAL SPECIALTIES	1,074	699	626	60	83	67	152	1	------	22	5	81	31
ALGEBRA	2,103	379	342	31	97	15	1,402	1	8	11	37	116	52
ANALYSIS AND FUNCTIONAL ANALYSIS	3,187	835	681	141	190	56	1,858	2	11	20	54	142	75
GEOMETRY	661	75	65	7	36	3	489	4	1	3	8	34	11
LOGIC	450	127	105	13	22	5	232	1	3	9	7	32	17
OPERATIONS RESEARCH	3,915	1,454	106	1,174	1,147	734	375	37	331	183	192	100	96
NUMBER THEORY	339	70	67	3	16	3	219	------	1	1	4	15	13
NUMERICAL ANALYSIS	914	423	98	268	107	65	205	3	25	66	23	40	22
TOPOLOGY	985	285	275	8	35	5	546	1	1	2	23	62	30
PROBABILITY	609	230	116	109	58	32	221	4	17	20	16	33	10
MATHEMATICS, OTHER	8,291	524	157	285	1,575	441	4,639	44	395	228	189	511	186
COMPUTING THEORY	330	103	50	37	37	19	131	3	10	14	5	22	5
COMPUTER NUMERICAL PROCESSING	872	336	49	195	171	81	76	6	42	167	32	20	22
COMPUTER NON-NUMERICAL PROCESSING	1,540	678	94	369	341	215	119	4	84	179	55	50	30
BUSINESS DATA PROCESSING	4,026	578	7	326	1,810	492	153	27	588	566	166	57	81
COMPUTER HARDWARE DESIGN	565	240	13	135	199	138	33	5	35	18	17	10	8
SYSTEM PROGRAMMING AND SOFTWARE DESIGN AND IMPLEMENTATION	5,132	2,146	74	923	1,401	816	157	92	433	487	235	102	79
COMPUTER SCIENCE, OTHER	3,002	785	72	416	965	415	158	187	199	348	214	67	79
AGRONOMY	1,536	686	126	559	486	205	175	14	12	5	94	24	40
ANIMAL HUSBANDRY	959	204	30	174	319	121	300	2	4	3	70	21	36
FISH AND WILDLIFE	2,874	801	245	552	1,594	742	151	1	6	76	108	75	62
FORESTRY	6,548	493	89	402	4,984	379	290	18	55	86	382	109	131
RANGE MANAGEMENT	923	141	27	114	615	38	51	2	1	8	52	32	21
HORTICULTURE	1,145	539	91	448	260	134	212	3	4	3	65	22	37
SOIL SCIENCE	1,412	715	264	441	251	110	137	32	35	59	97	34	52
AGRICULTURAL SCIENCES, OTHER	1,725	444	115	327	771	288	173	18	21	26	142	41	89

TABLE A-50. NUMBER OF SCIENTISTS, BY SUBFIELD AND PRIMARY WORK ACTIVITY, 1970--CONTINUED

SCIENTIFIC AND TECHNICAL SUBFIELD	TOTAL	PRIMARY WORK ACTIVITY										NOT EMPLOYED	NO REPORT OF WORK ACTIVITY
		RESEARCH AND DEVELOPMENT			MANAGEMENT OR ADMINISTRATION		TEACHING	PRODUCTION AND INSPECTION	CONSULTING	EXPLORATION, FORECASTING, REPORTING	OTHER		
		TOTAL (A)	BASIC RESEARCH	APPLIED RESEARCH	TOTAL (B)	OF R&D							
ANATOMY	877	256	239	17	64	28	488	------	20	1	6	13	29
BOTANY	1,952	406	347	59	159	45	1,195	1	2	13	37	100	39
ECOLOGY	2,814	783	546	237	487	195	1,229	------	8	35	63	150	59
ENTOMOLOGY	2,368	1,191	568	623	540	222	289	12	10	17	153	93	63
GENETICS	1,505	802	563	239	156	111	425	------	11	4	11	63	33
IMMUNOLOGY	1,153	799	593	206	118	72	112	2	48	1	5	36	32
MICROBIOLOGY	4,393	1,724	969	754	1,011	424	921	17	287	20	126	180	107
NUTRITION	1,159	566	248	318	304	190	172	5	17	5	28	23	39
PATHOLOGY	1,508	531	346	185	268	116	240	11	336	6	35	5	76
PHARMACOLOGY	1,743	904	602	302	402	326	298	2	32	19	13	18	55
PHYSIOLOGY	4,090	2,101	1,614	487	381	239	1,255	4	106	9	19	102	113
PLANT PATHOLOGY	1,203	836	399	437	138	95	104	1	11	6	43	28	36
VIROLOGY	1,083	759	517	242	150	119	83	2	18	3	12	32	24
ZOOLOGY	2,392	469	436	33	172	65	1,525	------	3	12	39	121	51
BIOPHYSICS	1,367	741	517	196	251	115	176	2	44	16	40	44	53
BIOLOGY, BIOMEDICAL SCIENCES	11,401	2,414	1,380	1,013	2,149	910	4,500	48	1,066	104	336	379	405
CLINICAL PSYCHOLOGY	7,224	985	54	908	883	156	1,082	4	3,780	9	73	253	155
COUNSELING PSYCHOLOGY	2,750	165	5	148	521	59	697	------	1,198	8	25	94	42
DEVELOPMENTAL PSYCHOLOGY	1,020	269	174	84	99	52	564	------	19	4	7	42	16
EDUCATIONAL PSYCHOLOGY	2,880	648	41	550	928	285	930	1	209	9	38	60	57
ENGINEERING PSYCHOLOGY	547	280	11	223	180	159	34	------	12	5	11	13	12
ORGANIZATION AND PERSONNEL PSYCHOLOGY	1,811	302	39	229	705	260	253	2	449	4	26	39	31
PERSONALITY	434	107	76	28	39	17	249	------	9	6	1	13	10
SCHOOL PSYCHOLOGY	2,423	1,298	5	1,276	318	26	202	1	429	4	49	81	41
COMMUNITY PSYCHOLOGY	535	61	6	31	234	45	59	------	154	2	14	3	8
EXPERIMENTAL, COMPARATIVE AND PHYSIOLOGICAL PSYCHOLOGY	2,910	1,164	952	207	243	140	1,362	------	14	13	11	71	32
PSYCHOMETRICS	599	226	30	182	127	93	195	------	7	3	10	28	3
SOCIAL PSYCHOLOGY	1,712	427	290	130	237	111	829	------	24	15	30	105	45
PSYCHOLOGY, OTHER	2,082	327	125	183	383	157	730	5	175	16	53	328	65
STATISTICS	4,306	1,094	213	793	910	436	925	173	395	444	123	142	98
GENERAL ECONOMICS - THEORY - HISTORY - SYSTEMS	1,626	199	127	69	111	27	1,142	2	9	24	22	84	33
ECONOMIC GROWTH AND DEVELOPMENT	1,131	305	75	182	244	145	344	7	39	93	22	48	29
ECONOMIC STATISTICS	576	161	52	108	74	43	250	3	7	25	14	27	15
MONETARY AND FISCAL THEORY AND INSTITUTIONS	1,260	250	83	164	261	101	507	8	32	82	33	60	27
INTERNATIONAL ECONOMICS	604	133	46	83	125	45	215	4	18	34	30	29	16
BUSINESS ORGANIZATION - FINANCE - MARKETING - ACCOUNTING	2,153	181	48	120	692	177	845	100	119	70	61	40	45
INDUSTRIAL ORGANIZATION	805	192	51	136	178	86	247	15	61	40	22	32	18
AGRICULTURE - NATURAL RESOURCES	1,501	627	85	524	360	192	252	29	42	55	56	41	39
MANPOWER - LABOR - POPULATION	828	163	58	100	216	98	313	2	23	24	15	52	20
WELFARE PROGRAMS - CONSUMER ECONOMICS - URBAN AND REGIONAL ECONOMICS	1,073	392	112	274	240	157	260	2	65	35	22	38	19
ECONOMICS, OTHER	1,954	158	40	102	502	100	875	55	53	60	77	98	76
SOCIO-CULTURAL THEORY	678	48	43	5	36	8	509	------	3	4	13	43	22
METHODOLOGY - SOCIOLOGY	655	214	104	110	106	83	247	------	1	8	12	49	18
DEMOGRAPHY AND POPULATION	378	119	76	42	65	45	119	------	1	12	8	32	22
RURAL-URBAN SOCIOLOGY	661	126	61	65	95	51	333	------	1	5	21	52	28
SOCIAL CHANGE AND DEVELOPMENT	457	86	45	41	92	48	207	------	1	5	9	37	20
SOCIAL ORGANIZATION, STRUCTURE, AND INSTITUTIONS	2,527	467	297	169	368	115	1,339	------	5	29	50	175	94
SOCIAL PROBLEMS, SOCIAL DISORGANIZATION	1,007	175	91	84	153	60	530	------	15	6	36	65	27
SOCIOLOGY, OTHER	494	50	30	20	59	20	215	------	3	7	24	78	58
POLITICAL THEORY	476	38	34	3	33	6	350	------	------	2	8	29	16
METHODOLOGY - POLITICAL SCIENCE	158	38	24	14	32	28	61	------	3	12	2	5	5
PUBLIC POLICY - FORMATION AND IMPACTS	499	77	28	44	114	38	224	------	9	17	23	21	14
PUBLIC ADMINISTRATION	847	65	24	27	385	86	269	------	42	26	32	14	14
POLITICAL STABILITY, INSTABILITY AND CHANGE	219	38	29	6	25	12	113	------	4	10	8	15	5
FOREIGN AND CROSS-NATIONAL POLITICAL INSTITUTIONS AND BEHAVIOR	1,337	175	136	28	111	33	871	------	5	24	23	98	30
U S POLITICAL INSTITUTIONS, PROCESSES AND BEHAVIOR	1,606	137	84	49	210	66	1,051	------	20	28	53	61	46
INTERNATIONAL LAW, ORGANIZATION AND POLITICS	880	77	61	13	90	17	593	------	4	14	21	56	25
POLITICAL SCIENCE, OTHER	456	34	21	10	78	18	225	2	5	19	21	47	25

TABLE A-50. NUMBER OF SCIENTISTS, BY SUBFIELD AND PRIMARY WORK ACTIVITY, 1970--CONTINUED

SCIENTIFIC AND TECHNICAL SUBFIELD	TOTAL	PRIMARY WORK ACTIVITY										NOT EMPLOYED	NO REPORT OF WORK ACTIVITY
		RESEARCH AND DEVELOPMENT			MANAGEMENT OR ADMINISTRATION		TEACHING	PRODUCTION AND INSPECTION	CONSULTING	EXPLORATION, FORECASTING, REPORTING	OTHER		
		TOTAL (A)	BASIC RESEARCH	APPLIED RESEARCH	TOTAL (B)	OF R&D							
ARCHEOLOGY/PREHISTORY	271	67	66	------	28	18	139	------	------	16	2	14	5
LINGUISTIC ANTHROPOLOGY/ ANTHROPOLOGICAL LINGUISTICS	45	14	14	------	2	------	29	------	------	------	------	------	------
BIOLOGICAL/PHYSICAL ANTHROPOLOGY	98	33	28	5	6	4	51	------	------	2	------	3	3
CULTURAL/SOCIAL ANTHROPOLOGY, ETHNOLOGY	800	155	131	24	96	33	483	------	3	16	4	24	19
ANTHROPOLOGY, OTHER	158	17	11	6	27	16	69	------	4	3	2	25	11
APPLICATIONS TO LANGUAGE TEACHING	449	18	7	11	80	12	273	1	6	24	6	30	11
DESCRIPTIVE LINGUISTICS	405	72	59	13	28	10	199	------	7	10	16	64	9
GENERAL LINGUISTICS	127	38	34	4	5	4	58	------	3	2	3	15	3
HISTORICAL AND COMPARATIVE LINGUISTICS	256	33	30	3	12	------	167	------	------	2	3	27	12
LANGUAGE IN RELATION TO OTHER FIELDS	189	40	31	9	15	7	96	------	2	3	4	21	8
LANGUAGE POLICIES	16	4	2	2	4	3	3	------	------	2	------	3	------
LITERACY AND WRITING SYSTEMS	6	1	------	1	1	1	3	------	------	1	------	------	------
MECHANIZED APPLICATIONS	41	29	15	14	3	3	4	------	------	------	1	3	1
PHONETICS	39	7	6	1	8	1	20	------	------	1	------	2	1
LINGUISTICS, OTHER	373	33	15	17	51	12	202	1	5	12	30	21	18
OTHER SPECIALTIES	9,159	1,683	470	777	3,847	1,380	961	787	342	261	752	200	326

(A)INCLUDES DEVELOPMENT AND DESIGN.
(B)INCLUDES MANAGEMENT AND ADMINISTRATION OF OTHER THAN RESEARCH AND DEVELOPMENT.

SOURCE - NATIONAL REGISTER OF SCIENTIFIC AND TECHNICAL PERSONNEL, 1970.

TABLE A-51. NUMBER OF SCIENTISTS, BY SUBFIELD AND AGE, 1983

SCIENTIFIC AND TECHNICAL SUBFIELD	TOTAL	AGE											NO REPORT OF AGE
		24 AND UNDER	25-29	30-34	35-39	40-44	45-49	50-54	55-59	60-64	65-69	70 AND OVER	
ALL SUBFIELDS	312,644	6,789	57,639	57,477	47,318	44,613	38,051	27,450	18,454	11,479	4,717	2,263	356
ANALYTICAL CHEMISTRY	7,765	299	1,358	1,170	1,061	1,019	917	675	426	230	73	23	21
INORGANIC CHEMISTRY	3,759	207	989	679	476	438	377	312	206	126	56	17	4
MACROMOLECULAR CHEMISTRY	10,174	257	1,296	1,587	1,365	1,440	1,553	1,245	817	476	141	44	21
ORGANIC CHEMISTRY	14,451	715	3,122	2,965	1,757	1,616	1,410	1,086	996	578	211	119	49
RELATED CHEMICAL SPECIALTIES	10,756	288	1,418	1,388	1,098	1,429	1,440	1,356	920	443	144	47	23
AGRICULTURAL CHEMISTRY	1,438	7	192	195	151	199	216	189	133	44	42	20	4
FOOD SCIENCE AND TECHNOLOGY	2,805	67	191	264	357	417	457	388	352	214	59	54	7
BIOCHEMISTRY	9,565	370	1,978	1,880	1,550	1,295	1,077	706	415	229	96	39	24
PHYSICAL CHEMISTRY	7,158	316	1,577	1,361	1,056	996	788	531	318	156	70	40	22
CHEMISTRY, OTHER	14,036	888	3,109	2,714	2,141	2,241	2,260	1,094	1,288	785	357	244	56
GEOCHEMISTRY	749	28	140	183	144	96	67	48	24	14	5	1	------
GEODESY	212	7	40	52	47	50	22	11	14	6	2	1	------
GEOLOGY	12,441	296	1,588	1,886	2,090	2,045	2,319	1,348	808	452	222	124	27
PALEONTOLOGY	898	28	132	178	162	142	92	61	43	32	17	10	5
SOLID-EARTH GEOPHYSICS	2,387	40	335	425	410	545	444	199	204	103	24	8	8
GEOGRAPHY	2,646	48	548	503	456	319	315	216	137	52	56	11	1
HYDROLOGY	1,107	15	99	150	187	168	178	135	87	59	24	7	4
OCEANOGRAPHY	1,224	52	234	270	198	177	142	76	48	28	8	4	4
EARTH SCIENCE, OTHER	1,005	43	187	162	147	118	111	89	44	36	14	11	4
MARINE SCIENCE, OTHER	39	1	2	6	6	7	6	3	2	------	------	------	------
ATMOSPHERIC STRUCTURE AND DYNAMICS	1,475	46	311	352	226	194	148	122	46	19	12	1	1
CLIMATOLOGY	565	6	67	63	68	65	68	55	31	19	5	4	------
WEATHER ANALYSIS AND FORECASTING	2,575	117	503	396	331	327	288	336	175	43	13	4	19
METEOROLOGICAL AREA SPECIALIZATIONS	1,462	37	211	223	189	209	219	216	98	44	7	1	2
INSTRUMENTATION AND TECHNIQUES	438	6	38	71	72	91	60	45	35	12	8	1	------
PLANETOLOGY	257	7	55	63	50	51	19	14	9	3	3	2	1
SOLAR-PLANETARY RELATIONSHIPS	657	26	137	165	116	82	65	36	15	6	6	1	2
ATMOSPHERIC SCIENCE, OTHER	371	12	51	56	52	53	47	40	21	13	17	4	1
SPACE SCIENCE, OTHER	44	------	3	13	7	9	2	6	2	1	1	------	------
ACOUSTICS	1,332	13	236	303	211	176	151	106	66	34	35	4	1
ATOMS AND MOLECULES	1,047	33	326	295	136	116	68	27	19	11	8	4	------
ELECTROMAGNETISM	1,333	14	219	242	247	182	154	98	62	95	25	1	1
ELEMENTARY PARTICLES AND FIELDS	2,108	108	791	561	303	172	96	31	22	9	9	2	4
MECHANICS	937	23	202	226	133	94	156	51	41	27	20	6	3
NUCLEI	2,359	75	707	536	351	337	208	103	39	17	11	4	1
OPTICS	2,738	51	558	722	439	311	286	156	102	65	38	7	3
FLUIDS	1,574	24	326	421	299	227	138	79	31	16	8	2	5
SOLIDS	5,639	109	1,401	1,527	992	736	480	184	102	61	27	5	15
THERMAL PHYSICS	802	25	245	206	132	83	51	32	10	9	6	1	2
INSTRUMENTATION	2,872	53	464	582	475	437	402	192	140	84	33	4	2
PHYSICS, OTHER	7,168	341	1,460	1,467	1,038	795	736	438	375	276	173	44	19
ADDITIONAL ASTRO-PHYSICAL SPECIALTIES	1,076	41	369	281	139	97	55	37	21	21	19	7	1
ALGEBRA	2,103	26	576	587	285	220	119	101	74	67	26	10	4
ANALYSIS AND FUNCTIONAL ANALYSIS	3,187	29	757	833	457	326	256	164	136	121	70	26	4
GEOMETRY	661	2	136	160	86	67	50	43	55	36	20	4	------
LOGIC	455	7	119	111	63	64	37	26	12	8	4	1	------
OPERATIONS RESEARCH	3,919	16	721	991	752	598	426	230	134	43	13	5	4
NUMBER THEORY	339	6	83	79	53	30	27	22	18	8	8	4	1
NUMERICAL ANALYSIS	914	9	191	198	166	116	152	53	41	23	8	6	1
TOPOLOGY	985	12	335	318	142	77	68	38	12	5	3	4	1
PROBABILITY	609	5	120	105	96	66	54	31	20	19	7	2	2
MATHEMATICS, OTHER	8,291	69	1,636	1,816	1,329	1,089	783	546	477	342	153	50	5
COMPUTING THEORY	330	10	40	96	56	50	16	11	10	3	1	1	------
COMPUTER NUMERICAL PROCESSING	872	11	192	227	156	122	86	43	19	11	5	1	1
COMPUTER NON-NUMERICAL PROCESSING	1,540	25	415	427	275	222	130	46	20	5	1	1	4
BUSINESS DATA PROCESSING	4,026	26	813	1,089	826	613	371	180	68	27	3	------	10
COMPUTER HARDWARE DESIGN	565	3	90	125	119	93	85	27	13	7	2	1	------
SYSTEM PROGRAMMING AND SOFTWARE DESIGN AND IMPLEMENTATION	5,112	66	1,361	1,511	1,096	611	309	100	36	9	1	------	14
COMPUTER SCIENCE, OTHER	3,097	80	789	732	556	385	311	139	62	27	6	1	7
AGRONOMY	1,536	3	138	206	227	250	252	224	129	61	31	6	4
ANIMAL HUSBANDRY	959	7	116	135	144	149	163	126	55	38	14	3	4
FISH AND WILDLIFE	2,476	25	441	610	403	406	386	278	146	67	18	7	7
FORESTRY	6,548	36	921	1,310	1,131	933	866	619	454	232	42	8	19
RANGE MANAGEMENT	923	20	166	203	150	114	100	91	57	25	5	------	2
HORTICULTURE	1,145	6	108	131	186	146	188	165	107	60	21	7	2
SOIL SCIENCE	1,412	[illegible]	126	207	244	210	225	177	123	60	26	7	2
AGRICULTURAL SCIENCE, OTHER	1,725	14	[illegible]	233	271	212	242	220	156	101	35	13	7

TABLE A-[illegible]. NUMBER OF SCIENTISTS, BY SPECIALTY AND AGE, [illegible]--CONTINUED

SCIENTIFIC AND TECHNICAL SPECIALTY	TOTAL	AGE											NO REPORT OF AGE
		24 AND UNDER	25-29	30-34	35-39	40-44	45-49	50-54	55-59	60-64	65-69	70 AND OVER	
ANATOMY	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
GENETICS	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
IMMUNOLOGY	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
MICROBIOLOGY	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
NUTRITION	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
PATHOLOGY	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
PHARMACOLOGY	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
PHYSIOLOGY	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
PLANT PATHOLOGY	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
ZOOLOGY	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible] SCIENCES	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
CLINICAL PSYCHOLOGY	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
COUNSELING PSYCHOLOGY	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
DEVELOPMENTAL PSYCHOLOGY	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
EDUCATIONAL PSYCHOLOGY	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
ENGINEERING PSYCHOLOGY	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
ORGANIZATION AND PERSONNEL PSYCHOLOGY	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
PERSONALITY	[illegible]	---	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
SCHOOL PSYCHOLOGY	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
COMMUNITY PSYCHOLOGY	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
EXPERIMENTAL, COMPARATIVE AND PHYSIOLOGICAL PSYCHOLOGY	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
PSYCHOMETRICS	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
SOCIAL PSYCHOLOGY	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
PSYCHOLOGY, OTHER	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
STATISTICS	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
GENERAL ECONOMICS - THEORY HISTORY - SYSTEMS	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
ECONOMIC GROWTH AND DEVELOPMENT	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
ECONOMIC STATISTICS	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
MONETARY AND FISCAL THEORY AND INSTITUTIONS	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
INTERNATIONAL ECONOMICS	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
BUSINESS ORGANIZATION - FINANCE - MARKETING - ACCOUNTING	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
INDUSTRIAL ORGANIZATION	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
AGRICULTURE - NATURAL RESOURCES	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
MANPOWER - LABOR - POPULATION	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
WELFARE PROGRAMS - CONSUMER ECONOMICS - URBAN AND REGIONAL ECONOMICS	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
ECONOMICS, OTHER	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
SOCIO-CULTURAL THEORY	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
METHODOLOGY - SOCIOLOGY	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
DEMOGRAPHY AND POPULATION	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
RURAL-URBAN SOCIOLOGY	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
SOCIAL CHANGE AND DEVELOPMENT	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
SOCIAL ORGANIZATION, STRUCTURE, AND INSTITUTIONS	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
SOCIAL PROBLEMS, SOCIAL DISORGANIZATION	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
SOCIOLOGY, OTHER	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
POLITICAL THEORY	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
METHODOLOGY - POLITICAL SCIENCE	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
PUBLIC POLICY - FORMATION AND IMPACTS	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
PUBLIC ADMINISTRATION	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
POLITICAL STABILITY, INSTABILITY AND CHANGE	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
FOREIGN AND CROSS-NATIONAL POLITICAL INSTITUTIONS AND BEHAVIOR	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
U S POLITICAL INSTITUTIONS, PROCESSES, AND BEHAVIOR	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
INTERNATIONAL LAW, ORGANIZATION AND POLITICS	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
POLITICAL SCIENCE, OTHER	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]

TABLE A-51. NUMBER OF SCIENTISTS, BY SUBFIELD AND AGE, 1970--CONTINUED

SCIENTIFIC AND TECHNICAL SUBFIELD	TOTAL	AGE											NO REPORT OF AGE
		24 AND UNDER	25-29	30-34	35-39	40-44	45-49	50-54	55-59	60-64	65-69	70 AND OVER	
PHYSICAL ANTHROPOLOGY - - -	[illegible]	-------	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	-------
LINGUISTIC ANTHROPOLOGY/ ANTHROPOLOGICAL LINGUISTICS - - - - - - -	[illegible]	-------	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	-------
[illegible] ANTHROPOLOGY - - - - - -	[illegible]	-------	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	-------
[illegible] ANTHROPOLOGY, ETHNOLOGY -	[illegible]	-------	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
ANTHROPOLOGY, OTHER - - -	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
APPLICATIONS TO LANGUAGE TEACHING - - - - - - - -	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	-------	[illegible]
DESCRIPTIVE LINGUISTICS - -	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
GENERAL LINGUISTICS - - - -	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	-------
HISTORICAL AND COMPARATIVE LINGUISTICS - - - - - - -	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	-------
LANGUAGE IN RELATION TO OTHER FIELDS - - - - - -	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	-------	-------
LANGUAGE PROBLEMS - - - - -	[illegible]	-------	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	-------	[illegible]	-------	-------	-------	-------
LITERACY AND WRITING SYSTEMS - - - - - - - - -	[illegible]	-------	[illegible]	[illegible]	[illegible]	-------	[illegible]	-------	-------	-------	-------	-------	-------
MATHEMATICAL APPLICATIONS - -	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	-------	-------	-------	[illegible]
PHONETICS - - - - - - - - -	[illegible]	-------	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	-------	[illegible]	[illegible]	-------
LINGUISTICS, OTHER - - - -	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
OTHER SPECIALTIES - - - - -	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]

SOURCE - NATIONAL REGISTER OF SCIENTIFIC AND TECHNICAL PERSONNEL, 1970.

TABLE A-57. NUMBER OF SCIENTISTS, BY SUBFIELD AND YEARS OF PROFESSIONAL EXPERIENCE, 1970--CONTINUED

SCIENTIFIC AND TECHNICAL SUBFIELD	TOTAL	YEARS OF PROFESSIONAL EXPERIENCE										NO REPORT OF YEARS OF EXPERIENCE
		1 OR LESS YEARS	2-4 YEARS	5-9 YEARS	10-14 YEARS	15-19 YEARS	20-24 YEARS	25-29 YEARS	30-34 YEARS	35-39 YEARS	40 OR MORE YEARS	
[illegible]	877	27	93	121	111	125	95	47	40	35	47	144
[illegible]	1,952	56	287	388	259	166	129	57	36	56	45	447
[illegible]	2,816	89	531	586	385	239	169	87	56	89	72	499
[illegible]	2,968	62	317	391	317	217	222	96	89	45	58	527
[illegible]	1,505	95	187	266	217	188	138	68	37	15	23	262
[illegible]	1,153	43	153	258	236	137	95	40	38	16	8	160
[illegible]	6,393	96	555	760	941	595	417	260	185	67	56	[illegible]
[illegible]	1,159	31	130	167	158	137	125	78	43	35	24	226
[illegible]	1,508	13	90	193	265	257	231	129	118	41	45	196
[illegible]	1,743	66	205	283	301	288	161	86	78	45	32	197
[illegible]	4,790	119	562	789	666	695	611	171	145	45	45	424
[illegible]	1,255	41	162	214	198	172	98	57	32	19	17	310
[illegible]	1,085	37	127	198	166	175	88	35	33	19	7	251
[illegible]	2,992	67	427	656	291	223	151	77	81	57	40	510
[illegible]	1,467	67	175	275	250	157	147	44	47	26	26	147
[illegible]	11,401	225	1,758	1,825	1,677	1,279	1,105	656	511	266	257	7,887
CLINICAL PSYCHOLOGY	7,776	138	1,028	1,661	1,566	1,169	756	246	188	113	114	477
COUNSELING PSYCHOLOGY	2,750	60	276	515	682	515	318	160	125	85	77	826
DEVELOPMENTAL PSYCHOLOGY	1,525	72	168	228	159	115	92	61	36	12	26	167
EDUCATIONAL PSYCHOLOGY	2,885	18	196	463	581	525	389	191	142	75	58	960
ENGINEERING PSYCHOLOGY	567	8	63	86	111	130	75	25	11	6	8	72
INDUSTRIAL AND PERSONNEL PSYCHOLOGY	1,811	26	155	287	255	336	279	87	88	48	33	217
PERSONALITY	436	10	58	57	68	67	41	23	18	8	5	47
SCHOOL PSYCHOLOGY	2,423	35	250	481	692	556	278	88	66	43	46	288
COMMUNITY PSYCHOLOGY	515	15	80	131	156	87	45	10	5	4	1	58
EXPERIMENTAL, COMPARATIVE AND PHYSIOLOGICAL PSYCHOLOGY	2,910	142	425	766	609	381	166	81	47	27	21	363
PSYCHOMETRICS	505	17	85	156	88	65	42	27	26	13	15	69
SOCIAL PSYCHOLOGY	1,712	96	386	330	220	161	123	51	47	16	18	277
PSYCHOLOGY, OTHER	2,082	30	261	306	267	227	143	82	75	51	86	526
STATISTICS	4,306	65	782	937	718	643	658	225	221	81	57	[illegible]
GENERAL ECONOMICS - THEORY - HISTORY - SYSTEMS	1,676	76	330	351	187	156	176	43	45	31	55	162
ECONOMIC GROWTH AND DEVELOPMENT	1,131	41	153	259	166	121	140	61	47	37	28	178
ECONOMIC STATISTICS	536	30	165	128	79	47	57	16	23	9	17	58
MONETARY AND FISCAL THEORY AND INSTITUTIONS	1,260	43	222	278	166	106	132	51	57	36	35	136
INTERNATIONAL ECONOMICS	676	26	95	111	71	57	56	13	45	16	15	66
BUSINESS ORGANIZATION - FINANCE - MARKETING - ACCOUNTING	2,159	56	711	565	528	280	335	133	121	67	56	227
INDUSTRIAL ORGANIZATION	805	23	116	156	106	93	110	45	45	18	26	65
AGRICULTURE - NATURAL RESOURCES	1,501	58	170	277	260	156	190	85	92	65	37	133
MANPOWER - LABOR - POPULATION	828	25	125	163	110	73	101	60	51	35	27	90
WELFARE PROGRAMS - CONSUMER ECONOMICS - URBAN AND REGIONAL ECONOMICS	1,073	55	236	259	120	67	107	66	28	23	20	114
ECONOMICS, OTHER	1,956	56	288	380	270	163	246	106	63	51	57	256
SOCIO-CULTURAL THEORY	678	66	129	168	91	56	67	52	16	6	11	36
METHODOLOGY - SOCIOLOGY	655	58	187	128	75	65	28	12	5	6	4	97
DEMOGRAPHY AND POPULATION	378	25	81	95	69	55	18	12	12	6	7	70
RURAL-URBAN SOCIOLOGY	641	47	131	116	76	63	61	29	26	21	6	92
SOCIAL CHANGE AND DEVELOPMENT	657	35	86	91	69	60	66	16	10	9	6	71
SOCIAL ORGANIZATIONS, STRUCTURE, AND INSTITUTIONS	2,527	130	495	697	576	276	256	85	90	30	25	436
SOCIAL PROBLEMS, SOCIAL DISORGANIZATION	1,007	67	240	211	121	75	79	36	21	17	17	136
SOCIOLOGY, OTHER	696	35	96	68	63	33	31	10	11	15	10	160
POLITICAL THEORY	636	36	109	95	41	90	65	12	11	7	6	77
METHODOLOGY - POLITICAL SCIENCE	150	26	60	30	11	10	3	3	6	1	-------	17
PUBLIC POLICY - FORMATION AND IMPACTS	409	32	96	82	55	66	63	26	30	5	7	77
PUBLIC ADMINISTRATION	867	36	116	121	100	87	106	46	56	27	29	127
POLITICAL STABILITY, INSTABILITY AND CHANGE	219	16	61	68	70	16	9	5	7	2	5	57
FOREIGN AND CROSS-NATIONAL POLITICAL INSTITUTIONS AND BEHAVIOR	1,337	129	337	302	178	97	65	77	75	16	8	205
U S POLITICAL INSTITUTIONS, PROCESSES AND BEHAVIOR	1,606	159	369	325	155	142	175	65	42	26	29	244
INTERNATIONAL LAW, ORGANIZATIONS AND POLITICS	880	41	176	169	88	48	56	40	43	31	13	144
POLITICAL SCIENCE, OTHER	456	27	93	68	47	41	29	15	16	6	17	107

TABLE A-[illegible]. NUMBER OF SCIENTISTS, BY SPECIALTY AND YEARS OF PROFESSIONAL EXPERIENCE, 1970--CONTINUED

SCIENTIFIC AND TECHNICAL SPECIALTY	TOTAL	YEARS OF PROFESSIONAL EXPERIENCE										NO REPORT OF YEARS OF EXPERIENCE
		2 OR LESS YEARS	3-4 YEARS	5-9 YEARS	10-14 YEARS	15-19 YEARS	20-24 YEARS	25-29 YEARS	30-34 YEARS	35-39 YEARS	40 OR MORE YEARS	
[illegible] - -	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
LINGUISTIC ANTHROPOLOGY/ ANTHROPOLOGICAL LINGUISTICS - - - - -	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	--------	[illegible]	[illegible]	[illegible]	--------	[illegible]
PHYSICAL ANTHROPOLOGY - - - - -	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
CULTURAL PATTERN ANTHROPOLOGY, ETHNOLOGY - - - - - -	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
ANTHROPOLOGY, OTHER - -	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
APPLICATIONS TO LANGUAGE TEACHING - - - - - - -	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
DESCRIPTIVE LINGUISTICS	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
GENERAL LINGUISTICS - -	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	--------	[illegible]	[illegible]	[illegible]
HISTORICAL AND COMPARATIVE LINGUISTICS - - - - -	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
LANGUAGE IN RELATION TO OTHER FIELDS - - - - -	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
LANGUAGE POLICIES - - -	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	--------	[illegible]	--------	--------	--------	[illegible]
LITERACY AND WRITING SYSTEMS - - - - - - -	[illegible]	--------	[illegible]	[illegible]	--------	--------	[illegible]	--------	--------	--------	--------	[illegible]
MATHEMATICAL APPLICATIONS	[illegible]	--------	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	--------	--------	--------	--------	[illegible]
PHONETICS - - - - - - -	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	--------	[illegible]	[illegible]	--------	[illegible]
LINGUISTICS, OTHER - - -	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
OTHER SPECIALTIES - - -	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]

SOURCE - NATIONAL REGISTER OF SCIENTIFIC AND TECHNICAL PERSONNEL, 1970.

TABLE B-[illegible]. MEDIAN ANNUAL SALARIES OF SCIENTISTS, BY SUBFIELD AND HIGHEST DEGREE, 1973--CONTINUED

SCIENTIFIC AND TECHNICAL SUBFIELD	TOTAL	HIGHEST DEGREE				LESS THAN BACHELOR'S DEGREE	NO REPORT OF DEGREE
		DOCTORATE	PROFESSIONAL MEDICAL	MASTER'S	BACHELOR'S		
CLINICAL PSYCHOLOGY	15,000	16,900	------	12,000	14,000	------	------
COUNSELING PSYCHOLOGY	14,200	15,700	------	12,300	------	------	------
DEVELOPMENTAL PSYCHOLOGY	13,600	14,400	------	10,700	------	------	------
EDUCATIONAL PSYCHOLOGY	15,100	16,200	------	13,500	------	------	------
ENGINEERING PSYCHOLOGY	19,200	21,300	------	17,400	------	------	------
ORGANIZATION AND PERSONNEL PSYCHOLOGY	19,900	23,400	------	17,000	------	------	------
PERSONALITY	14,000	14,900	------	10,300	------	------	------
SCHOOL PSYCHOLOGY	14,000	16,100	------	13,700	------	------	------
COMMUNITY PSYCHOLOGY	16,700	17,500	------	13,900	------	------	------
EXPERIMENTAL, COMPARATIVE, AND PHYSIOLOGICAL PSYCHOLOGY	13,900	14,200	------	10,000	------	------	------
PSYCHOMETRICS	15,800	16,900	------	13,900	------	------	------
SOCIAL PSYCHOLOGY	13,800	14,700	------	10,900	10,000	------	------
PSYCHOLOGY, OTHER	14,900	16,300	27,000	11,400	12,000	------	------
STATISTICS	16,900	17,200	------	15,600	16,000	------	------
GENERAL ECONOMICS - THEORY - HISTORY - SYSTEMS	14,000	15,100	------	11,000	12,000	------	------
ECONOMIC GROWTH AND DEVELOPMENT	18,000	18,700	------	16,400	16,900	------	------
ECONOMIC STATISTICS	15,000	16,100	------	13,000	17,000	------	------
MONETARY AND FISCAL THEORY AND INSTITUTIONS	17,000	18,000	------	14,500	15,000	------	------
INTERNATIONAL ECONOMICS	17,900	17,000	------	16,500	18,400	------	------
BUSINESS ORGANIZATION - FINANCE - MARKETING - ACCOUNTING	17,900	18,200	------	16,000	17,800	------	------
INDUSTRIAL ORGANIZATION	18,000	18,200	------	17,000	16,900	------	------
AGRICULTURE - NATURAL RESOURCES	17,200	18,000	------	15,000	17,400	------	------
MANPOWER - LABOR - POPULATION	16,400	17,700	------	15,500	16,500	------	------
WELFARE PROGRAMS - CONSUMER ECONOMICS - URBAN AND REGIONAL ECONOMICS	16,300	17,900	------	16,700	15,000	------	------
ECONOMICS, OTHER	14,700	17,900	------	12,000	15,000	------	------
SOCIO-CULTURAL THEORY	11,800	14,300	------	9,500	9,200	------	------
METHODOLOGY - SOCIOLOGY	13,300	14,500	------	10,900	11,000	------	------
DEMOGRAPHY AND POPULATION	14,700	16,500	------	11,000	------	------	------
RURAL-URBAN SOCIOLOGY	13,800	15,700	------	10,200	------	------	------
SOCIAL CHANGE AND DEVELOPMENT	14,000	15,900	------	11,700	------	------	------
SOCIAL ORGANIZATION, STRUCTURE AND INSTITUTIONS	13,000	15,000	------	10,100	10,000	------	------
SOCIAL PROBLEMS, SOCIAL DISORGANIZATION	12,100	15,000	------	10,100	9,700	------	------
SOCIOLOGY, OTHER	12,900	16,100	------	9,900	9,500	------	------
POLITICAL THEORY	12,200	13,400	------	10,000	------	------	------
METHODOLOGY - POLITICAL SCIENCE	12,300	14,900	------	10,100	------	------	------
PUBLIC POLICY - FORMATION AND IMPACT	15,200	16,500	------	13,000	------	------	------
PUBLIC ADMINISTRATION	17,700	19,700	------	14,600	------	------	------
POLITICAL STABILITY, INSTABILITY AND CHANGE	12,900	13,600	------	10,800	------	------	------
FOREIGN AND CROSS-NATIONAL POLITICAL INSTITUTIONS AND BEHAVIOR	12,200	13,300	------	10,000	------	------	------
U S POLITICAL INSTITUTIONS, PROCESSES, AND BEHAVIOR	12,700	14,900	------	10,000	------	------	------
INTERNATIONAL LAW, ORGANIZATION, AND POLITICS	13,000	14,500	------	10,200	------	------	------
POLITICAL SCIENCE, OTHER	13,200	15,400	------	10,500	------	------	------
ARCHEOLOGY/PREHISTORY	13,600	13,800	------	------	------	------	------
LINGUISTIC ANTHROPOLOGY/ANTHROPOLOGICAL LINGUISTICS	13,600	13,300	------	------	------	------	------
BIOLOGICAL/PHYSICAL ANTHROPOLOGY	15,300	14,400	------	------	------	------	------
CULTURAL/SOCIAL ANTHROPOLOGY, ETHNOLOGY	15,300	15,300	------	------	------	------	------
ANTHROPOLOGY, OTHER	13,900	16,900	------	11,200	------	------	------
APPLICATIONS TO LANGUAGE TEACHING	12,000	13,900	------	10,400	------	------	------
DESCRIPTIVE LINGUISTICS	12,000	12,700	------	10,900	------	------	------
GENERAL LINGUISTICS	12,900	12,900	------	------	------	------	------
HISTORICAL AND COMPARATIVE LINGUISTICS	13,800	14,400	------	------	------	------	------
LANGUAGE IN RELATION TO OTHER FIELDS	13,000	13,900	------	------	------	------	------
LANGUAGE POLICIES	------	------	------	------	------	------	------
LITERACY AND WRITING SYSTEMS	------	------	------	------	------	------	------
MECHANIZED APPLICATIONS	------	------	------	------	------	------	------
PHONETICS	13,500	14,300	------	------	------	------	------
LINGUISTICS, OTHER	12,200	14,000	------	10,000	------	------	------
OTHER SPECIALTIES	14,300	20,000	25,000	15,000	14,400	12,500	16,000

NOTE - ALL MEDIAN SALARIES WERE COMPUTED ONLY FOR FULL-TIME EMPLOYED CIVILIAN SCIENTISTS. NO MEDIAN WAS COMPUTED FOR GROUPS WITH FEWER THAN 25 REGISTRANTS REPORTING SALARY.

SOURCE - NATIONAL REGISTER OF SCIENTIFIC AND TECHNICAL PERSONNEL, 1973.

TABLE A-54A. MEDIAN ANNUAL SALARIES OF SCIENTISTS, BY SUBFIELD AND TYPE OF EMPLOYER, 1970

SCIENTIFIC AND TECHNICAL SUBFIELD	TOTAL	TYPE OF EMPLOYER								NO REPORT OF TYPE OF EMPLOYER
		EDUCATIONAL INSTITUTIONS		FEDERAL GOVERN-MENT	OTHER GOVERN-MENT	NONPROFIT ORGANIZA-TIONS	INDUSTRY AND BUSINESS	SELF-EMPLOYED	OTHER	
		ACADEMIC YEAR	CALENDAR YEAR							
ALL SUBFIELDS	15,000	12,500	15,500	16,100	13,300	16,400	16,700	20,000	14,300	15,000
ANALYTICAL CHEMISTRY	13,700	11,800	10,600	14,600	11,800	14,000	14,000	17,500	13,800	------
INORGANIC CHEMISTRY	15,000	11,600	8,000	17,400	16,000	17,000	16,500	------	16,300	------
MACROMOLECULAR CHEMISTRY	16,500	13,100	13,400	17,400	------	15,900	16,500	20,000	------	------
ORGANIC CHEMISTRY	15,700	12,300	7,400	16,100	10,500	14,300	16,500	17,500	14,400	------
RELATED CHEMICAL SPECIALTIES	15,800	14,400	15,000	16,600	12,700	19,300	16,000	19,000	15,000	------
AGRICULTURAL CHEMISTRY	15,500	------	15,000	16,800	11,000	------	16,000	------	------	------
FOOD SCIENCE AND TECHNOLOGY	16,000	------	16,100	17,900	11,100	17,000	16,000	20,000	------	------
BIOCHEMISTRY	14,800	13,000	15,000	16,900	14,000	14,000	16,800	16,000	11,100	14,000
PHYSICAL CHEMISTRY	16,000	13,000	9,400	18,400	17,000	17,000	17,500	------	17,300	------
CHEMISTRY, OTHER	14,700	11,800	13,900	17,000	13,000	14,400	16,800	20,000	14,000	14,400
GEOCHEMISTRY	14,300	12,700	12,500	17,400	------	------	16,200	------	------	------
GEODESY	14,500	------	------	14,000	------	------	15,000	------	------	------
GEOLOGY	15,000	12,200	14,700	16,000	12,600	14,000	15,800	18,000	12,300	------
PALEONTOLOGY	13,500	12,000	13,000	18,500	------	------	15,000	------	------	------
SOLID-EARTH GEOPHYSICS	15,600	15,300	14,000	15,600	------	------	15,800	------	------	------
GEOGRAPHY	12,000	11,600	14,000	14,300	11,000	13,000	12,000	------	------	------
HYDROLOGY	15,200	13,800	16,000	15,600	13,000	------	16,000	------	------	------
OCEANOGRAPHY	14,700	12,300	14,400	15,800	15,000	14,000	16,500	------	------	------
EARTH SCIENCE, OTHER	11,600	10,000	12,000	16,300	------	------	17,000	------	------	------
MARINE SCIENCE, OTHER	17,400	------	------	------	------	------	------	------	------	------
ATMOSPHERIC STRUCTURE AND DYNAMICS	16,400	14,000	15,000	17,400	------	18,100	17,800	------	------	------
CLIMATOLOGY	15,700	11,400	15,800	16,000	------	------	------	------	------	------
WEATHER ANALYSIS AND FORECASTING	14,900	------	------	15,000	------	------	14,300	------	------	------
METEOROLOGICAL AREA SPECIALIZATIONS	15,600	14,200	14,900	15,600	13,000	------	15,600	------	------	------
INSTRUMENTATION AND TECHNIQUES	17,100	------	------	17,900	------	------	17,800	------	------	------
PLANETOLOGY	16,900	------	12,100	17,400	------	------	19,000	------	------	------
SOLAR-PLANETARY RELATIONSHIPS	17,400	14,000	13,800	18,500	------	------	19,000	------	------	------
ATMOSPHERIC SCIENCE, OTHER	17,000	------	------	16,300	------	------	18,000	------	------	------
SPACE SCIENCE, OTHER	18,000	------	------	------	------	------	------	------	------	------
ACOUSTICS	17,000	13,000	15,000	16,400	------	15,500	17,800	------	------	------
ATOMS AND MOLECULES	15,300	12,100	13,400	16,500	------	------	18,200	------	------	------
ELECTROMAGNETISM	17,400	14,400	16,200	17,000	------	18,100	18,300	------	------	------
ELEMENTARY PARTICLES AND FIELDS	13,100	13,000	12,000	19,100	------	------	------	------	------	------
MECHANICS	16,100	13,800	13,900	17,400	------	------	16,800	------	------	------
NUCLEI	16,000	13,500	12,000	20,000	------	17,000	18,000	------	------	------
OPTICS	17,200	13,700	14,100	16,300	------	20,500	18,000	------	------	------
FLUIDS	17,400	14,300	16,500	18,400	------	19,800	18,500	------	------	------
SOLIDS	17,100	13,400	14,000	17,000	------	17,400	18,500	------	------	------
THERMAL PHYSICS	15,300	12,600	12,300	16,300	------	------	18,000	------	------	------
INSTRUMENTATION	17,200	13,900	13,500	16,700	------	17,200	17,500	------	------	------
PHYSICS, OTHER	12,000	11,600	12,500	18,400	------	19,200	18,400	------	------	------
ADDITIONAL ASTRO-PHYSICAL SPECIALTIES	14,700	13,000	13,200	16,500	------	15,600	17,400	------	------	------
ALGEBRA	11,700	11,600	11,900	15,300	------	------	17,500	------	------	------
ANALYSIS AND FUNCTIONAL ANALYSIS	12,700	12,000	14,000	18,400	------	17,000	17,800	------	------	------
GEOMETRY	11,700	11,900	13,600	------	------	------	------	------	------	------
LOGIC	12,500	12,000	13,000	------	------	------	14,000	------	------	------
OPERATIONS RESEARCH	18,000	14,000	16,300	19,100	16,100	20,000	18,400	25,000	------	------
NUMBER THEORY	12,000	11,900	14,000	------	------	------	------	------	------	------
NUMERICAL ANALYSIS	15,600	13,200	15,000	16,400	------	------	17,400	------	------	------
TOPOLOGY	12,000	12,000	12,300	------	------	------	------	------	------	------
PROBABILITY	14,800	12,800	14,400	16,800	------	------	18,400	------	------	------
MATHEMATICS, OTHER	12,600	10,700	13,000	17,300	14,500	20,000	20,800	24,000	11,500	------
COMPUTING THEORY	14,300	12,600	13,500	------	------	------	17,500	------	------	------
COMPUTER NUMERICAL PROCESSING	15,500	13,000	14,400	16,500	------	15,300	15,900	------	------	------
COMPUTER NON-NUMERICAL PROCESSING	16,000	13,800	13,800	16,000	------	17,000	16,800	------	------	------
BUSINESS DATA PROCESSING	17,300	13,000	15,000	18,000	14,600	17,400	17,600	20,000	15,700	------
COMPUTER HARDWARE DESIGN	19,000	------	------	20,000	------	------	19,200	------	------	------
SYSTEMS PROGRAMMING AND SOFTWARE DESIGN AND IMPLEMENTATION	16,400	13,100	14,500	16,300	15,000	17,000	16,700	20,000	15,000	------
COMPUTER SCIENCE, OTHER	16,000	13,500	15,000	16,800	12,000	18,000	16,200	------	------	------
AGRONOMY	15,000	11,700	15,000	15,500	12,500	14,000	14,700	------	------	------
ANIMAL HUSBANDRY	14,400	12,400	15,000	17,400	10,300	14,000	14,200	12,000	------	------
FISH AND WILDLIFE	12,000	12,000	13,700	13,800	10,500	14,000	11,100	------	------	------
FORESTRY	12,000	11,200	14,300	12,700	10,400	13,000	11,900	13,000	------	------
RANGE MANAGEMENT	12,000	------	14,200	12,000	------	------	------	------	------	------
HORTICULTURE	15,000	12,100	15,500	15,000	12,100	------	14,500	------	------	------
SOIL SCIENCE	14,700	13,000	16,000	14,000	13,200	------	14,500	------	------	------
AGRICULTURAL SCIENCES, OTHER	15,000	------	16,100	15,000	12,000	18,000	16,000	15,000	------	------
ANATOMY	16,000	13,200	17,700	------	------	17,500	------	------	------	------
BOTANY	12,500	12,000	14,500	15,200	11,700	14,000	------	------	------	------
ECOLOGY	12,500	12,000	14,300	14,700	11,700	14,000	15,000	------	12,100	------
ENTOMOLOGY	14,400	12,500	15,100	14,700	13,000	15,000	15,000	12,000	------	------
GENETICS	15,000	13,100	16,500	16,400	15,000	16,500	16,000	------	------	------
IMMUNOLOGY	17,000	13,500	18,000	18,800	16,800	16,000	16,500	------	------	------
MICROBIOLOGY	14,300	12,700	16,200	15,800	12,700	12,400	15,000	------	12,000	------
NUTRITION	16,400	13,100	16,500	17,400	------	18,500	16,500	------	------	------
PATHOLOGY	24,000	------	23,900	23,000	24,000	30,000	22,000	35,000	------	------
PHARMACOLOGY	19,000	14,800	18,500	19,500	20,400	18,900	21,000	------	------	------
PHYSIOLOGY	16,400	12,600	18,000	19,000	19,600	20,000	18,000	------	------	------
PLANT PATHOLOGY	15,000	12,000	15,500	15,700	13,300	------	14,600	------	------	------
VIROLOGY	16,200	12,800	17,000	18,000	16,300	15,000	16,800	------	------	------
ZOOLOGY	12,300	12,000	14,500	16,000	10,400	12,000	16,000	------	------	------
BIOPHYSICS	16,500	14,900	16,500	17,900	13,700	16,000	17,600	------	------	------
BIOLOGY, BIOMEDICAL SCIENCES	14,000	11,600	20,000	19,000	14,500	18,500	18,500	25,000	12,000	13,000

TABLE A-54A. MEDIAN ANNUAL SALARIES OF SCIENTISTS, BY SUBFIELD AND TYPE OF EMPLOYER, 1970--CONTINUED

SCIENTIFIC AND TECHNICAL SUBFIELD	TOTAL	TYPE OF EMPLOYER								NO REPORT OF TYPE OF EMPLOYER
		EDUCATIONAL INSTITUTIONS		FEDERAL GOVERN-MENT	OTHER GOVERN-MENT	NONPROFIT ORGANIZA-TIONS	INDUSTRY AND BUSINESS	SELF-EMPLOYED	OTHER	
		ACADEMIC YEAR	CALENDAR YEAR							
CLINICAL PSYCHOLOGY - - - - - - - - - - - - - -	15,000	13,500	15,500	17,900	14,000	15,000	16,000	25,000	13,600	16,500
COUNSELING PSYCHOLOGY - - - - - - - - - - - - -	14,200	12,500	15,000	17,300	13,000	13,700	15,900	16,000	------	------
DEVELOPMENTAL PSYCHOLOGY - - - - - - - - - - -	13,600	12,500	15,500	17,400	15,200	15,000	------	------	------	------
EDUCATIONAL PSYCHOLOGY - - - - - - - - - - - -	15,100	13,500	17,500	20,400	15,700	18,000	20,000	------	------	------
ENGINEERING PSYCHOLOGY - - - - - - - - - - - -	19,200	14,900	------	19,900	------	22,300	19,600	------	------	------
ORGANIZATION AND PERSONNEL PSYCHOLOGY - - - -	19,500	14,300	19,000	19,000	15,100	19,900	20,600	25,000	------	------
PERSONALITY - - - - - - - - - - - - - - - - -	14,000	13,000	17,000	------	------	------	------	------	------	------
SCHOOL PSYCHOLOGY - - - - - - - - - - - - - -	14,000	14,000	15,700	------	14,300	13,600	------	------	------	------
COMMUNITY PSYCHOLOGY - - - - - - - - - - - - -	16,700	13,000	18,000	19,800	15,800	16,800	------	------	------	------
EXPERIMENTAL, COMPARATIVE, AND PHYSIOLOGICAL PSYCHOLOGY - - - - - - - - - - - - - - - - -	13,900	12,500	16,000	17,400	15,000	16,500	18,000	------	------	------
PSYCHOMETRICS - - - - - - - - - - - - - - - -	15,800	12,800	16,900	17,500	15,600	18,400	18,000	------	------	------
SOCIAL PSYCHOLOGY - - - - - - - - - - - - - -	13,800	12,500	16,000	19,100	15,300	17,000	20,300	------	------	------
PSYCHOLOGY, OTHER - - - - - - - - - - - - - -	14,500	12,500	16,300	20,400	15,600	18,500	20,000	25,000	------	------
STATISTICS - - - - - - - - - - - - - - - - - -	16,300	13,400	16,600	18,400	14,200	17,000	17,000	------	------	------
GENERAL ECONOMICS - THEORY - HISTORY - SYSTEMS - - - - - - - - - - - - - - - - - -	14,000	13,200	16,400	21,000	------	------	20,000	------	------	------
ECONOMIC GROWTH AND DEVELOPMENT - - - - - - -	18,000	14,000	18,600	22,000	20,000	23,000	20,000	------	------	------
ECONOMIC STATISTICS - - - - - - - - - - - - -	15,000	13,500	15,000	20,600	------	19,200	17,500	------	------	------
MONETARY AND FISCAL THEORY AND INSTITUTIONS -	17,000	13,600	17,800	22,300	19,800	20,600	21,000	------	------	------
INTERNATIONAL ECONOMICS - - - - - - - - - - -	17,500	13,700	17,400	22,600	21,000	------	20,000	------	------	------
BUSINESS ORGANIZATION - FINANCE - MARKETING - ACCOUNTING - - - - - - - - - - - - - - - -	17,500	15,100	19,000	20,000	------	22,500	20,000	20,000	------	------
INDUSTRIAL ORGANIZATION - - - - - - - - - - -	18,000	14,800	20,000	20,300	16,800	22,000	21,500	------	------	------
AGRICULTURE - NATURAL RESOURCES - - - - - - -	17,200	15,000	17,000	18,400	17,000	20,000	17,500	------	------	------
MANPOWER - LABOR - POPULATION - - - - - - - -	16,900	15,000	19,500	19,200	16,900	19,200	20,000	------	------	------
WELFARE PROGRAMS - CONSUMER ECONOMICS - URBAN AND REGIONAL ECONOMICS - - - - - - - - - -	16,300	13,300	18,000	20,000	15,000	18,000	19,400	------	------	------
ECONOMICS, OTHER - - - - - - - - - - - - - - -	14,700	12,000	18,000	16,500	14,000	20,000	18,600	------	------	------
SOCIO-CULTURAL THEORY - - - - - - - - - - - -	11,800	11,900	12,000	------	------	------	------	------	------	------
METHODOLOGY-SOCIOLOGY - - - - - - - - - - - -	13,000	12,200	14,500	17,400	11,300	14,000	15,000	------	------	------
DEMOGRAPHY AND POPULATION - - - - - - - - - -	14,700	12,500	15,500	19,200	------	20,000	------	------	------	------
RURAL-URBAN SOCIOLOGY - - - - - - - - - - - -	13,800	12,800	15,500	------	------	------	------	------	------	------
SOCIAL CHANGE AND DEVELOPMENT - - - - - - - -	14,000	13,200	15,600	------	------	15,000	------	------	------	------
SOCIAL ORGANIZATION, STRUCTURE AND INSTITUTIONS - - - - - - - - - - - - - - - -	13,000	12,400	15,000	17,900	13,700	15,200	15,200	------	------	------
SOCIAL PROBLEMS, SOCIAL DISORGANIZATION - - -	12,100	12,000	14,000	15,800	12,000	13,300	------	------	------	------
SOCIOLOGY, OTHER - - - - - - - - - - - - - - -	12,300	12,000	14,400	------	------	------	------	------	------	------
POLITICAL THEORY - - - - - - - - - - - - - - -	12,200	12,100	13,000	------	------	------	------	------	------	------
METHODOLOGY-POLITICAL SCIENCE - - - - - - - -	12,300	11,500	13,300	------	------	------	------	------	------	------
PUBLIC POLICY- FORMATION AND IMPACTS - - - -	15,200	13,000	16,500	18,500	------	24,600	------	------	------	------
PUBLIC ADMINISTRATION - - - - - - - - - - - -	17,000	13,600	19,400	19,100	16,000	22,000	------	------	------	------
POLITICAL STABILITY, INSTABILITY AND CHANGE -	12,500	12,400	12,000	------	------	------	------	------	------	------
FOREIGN AND CROSS-NATIONAL POLITICAL INSTITUTIONS AND BEHAVIOR - - - - - - - - -	12,200	11,900	13,300	19,000	------	------	------	------	------	------
U S POLITICAL INSTITUTIONS, PROCESSES, AND BEHAVIOR - - - - - - - - - - - - - - - - - -	12,700	11,700	15,500	20,000	15,000	16,000	------	------	------	------
INTERNATIONAL LAW, ORGANIZATION, AND POLITICS - - - - - - - - - - - - - - - - - -	13,000	12,500	15,000	17,000	------	------	------	------	------	------
POLITICAL SCIENCE, OTHER - - - - - - - - - - -	13,200	12,000	15,100	20,400	------	------	------	------	------	------
ARCHEOLOGY/PREHISTORY - - - - - - - - - - - -	13,600	13,200	15,000	------	------	------	------	------	13,200	------
LINGUISTIC ANTHROPOLOGY/ANTHROPOLOGICAL LINGUISTICS - - - - - - - - - - - - - - - - -	13,600	13,600	------	------	------	------	------	------	------	------
BIOLOGICAL/PHYSICAL ANTHROPOLOGY - - - - - -	15,000	12,800	------	------	------	------	------	------	------	------
CULTURAL/SOCIAL ANTHROPOLOGY, ETHNOLOGY - - -	15,000	14,400	15,400	------	------	------	------	------	------	------
ANTHROPOLOGY, OTHER - - - - - - - - - - - - -	13,500	12,300	------	------	------	------	------	------	------	------
APPLICATIONS TO LANGUAGE TEACHING - - - - - -	12,000	12,000	13,500	------	------	------	------	------	------	------
DESCRIPTIVE LINGUISTICS - - - - - - - - - - -	12,000	12,100	12,600	------	------	------	------	------	------	------
GENERAL LINGUISTICS - - - - - - - - - - - - -	12,500	12,500	------	------	------	------	------	------	------	------
HISTORICAL AND COMPARATIVE LINGUISTICS - - -	13,800	14,000	13,000	------	------	------	------	------	------	------
LANGUAGE IN RELATION TO OTHER FIELDS - - - -	13,000	13,000	14,200	------	------	------	------	------	------	------
LANGUAGE POLICIES - - - - - - - - - - - - - -	------	------	------	------	------	------	------	------	------	------
LITERACY AND WRITING SYSTEMS - - - - - - - -	------	------	------	------	------	------	------	------	------	------
MECHANIZED APPLICATIONS - - - - - - - - - - -	------	------	------	------	------	------	------	------	------	------
PHONETICS - - - - - - - - - - - - - - - - - -	13,500	------	------	------	------	------	------	------	------	------
LINGUISTICS, OTHER - - - - - - - - - - - - - -	12,200	12,000	14,000	------	------	9,500	------	------	------	------
OTHER SPECIALTIES - - - - - - - - - - - - - - -	16,300	12,800	16,900	18,000	13,000	16,000	17,400	20,000	14,500	14,700

NOTE - ALL MEDIAN SALARIES WERE COMPUTED ONLY FOR FULL-TIME EMPLOYED CIVILIAN SCIENTISTS. NO MEDIAN WAS COMPUTED FOR GROUPS WITH FEWER THAN 25 REGISTRANTS REPORTING SALARY.

SOURCE - NATIONAL REGISTER OF SCIENTIFIC AND TECHNICAL PERSONNEL, 1970.

TABLE A-54B. MEDIAN ANNUAL SALARIES OF DOCTORATE SCIENTISTS, BY SUBFIELD AND TYPE OF EMPLOYER, 1970

SCIENTIFIC AND TECHNICAL SUBFIELD	TOTAL	TYPE OF EMPLOYER								NO REPORT OF TYPE OF EMPLOYER
		EDUCATIONAL INSTITUTIONS		FEDERAL GOVERN-MENT	OTHER GOVERN-MENT	NONPROFIT ORGANIZA-TIONS	INDUSTRY AND BUSINESS	SELF-EMPLOYED	OTHER	
		ACADEMIC YEAR	CALENDAR YEAR							
ALL SUBFIELDS	16,500	13,500	16,400	18,900	16,300	18,000	19,500	25,000	16,600	17,300
ANALYTICAL CHEMISTRY	16,900	12,000	14,400	19,000	15,300	17,200	17,800	------	------	------
INORGANIC CHEMISTRY	16,000	12,000	12,000	19,000	------	17,400	18,300	------	------	------
MACROMOLECULAR CHEMISTRY	18,600	14,200	17,000	18,900	------	18,200	18,800	------	------	------
ORGANIC CHEMISTRY	17,200	12,900	12,700	18,400	------	15,800	18,500	------	------	------
RELATED CHEMICAL SPECIALTIES	19,500	14,400	18,200	20,000	17,200	20,000	19,800	------	20,000	------
AGRICULTURAL CHEMISTRY	18,400	------	16,100	18,500	------	------	18,900	------	------	------
FOOD SCIENCE AND TECHNOLOGY	19,000	------	16,800	19,800	------	------	20,000	------	------	------
BIOCHEMISTRY	16,000	13,400	15,000	17,400	16,500	16,200	18,500	------	13,000	------
PHYSICAL CHEMISTRY	17,000	13,100	13,000	20,000	17,700	18,000	18,900	------	17,500	------
CHEMISTRY, OTHER	16,100	12,900	16,400	22,000	------	17,500	20,000	21,000	18,900	------
GEOCHEMISTRY	15,000	13,000	14,000	17,900	------	------	18,000	------	------	------
GEODESY	------	------	------	------	------	------	------	------	------	------
GEOLOGY	15,600	13,000	15,600	18,500	14,500	------	18,200	20,000	------	------
PALEONTOLOGY	14,000	12,400	14,000	19,100	------	------	16,300	------	------	------
SOLID-EARTH GEOPHYSICS	17,400	15,000	15,000	18,500	------	------	19,200	------	------	------
GEOGRAPHY	15,000	14,000	17,600	20,400	------	------	------	------	------	------
HYDROLOGY	15,800	13,900	16,400	18,000	------	------	------	------	------	------
OCEANOGRAPHY	15,600	13,000	15,000	18,100	------	------	17,900	------	------	------
EARTH SCIENCE, OTHER	17,000	13,400	------	------	------	------	19,800	------	------	------
MARINE SCIENCE, OTHER	------	------	------	------	------	------	------	------	------	------
ATMOSPHERIC STRUCTURE AND DYNAMICS	18,000	14,300	17,000	20,400	------	20,500	20,500	------	------	------
CLIMATOLOGY	16,000	14,000	------	------	------	------	------	------	------	------
WEATHER ANALYSIS AND FORECASTING	------	------	------	------	------	------	------	------	------	------
METEOROLOGICAL AREA SPECIALIZATIONS	18,500	------	18,000	21,600	------	------	------	------	------	------
INSTRUMENTATION AND TECHNIQUES	18,500	------	------	------	------	------	------	------	------	------
PLANETOLOGY	17,400	------	------	17,400	------	------	20,500	------	------	------
SOLAR-PLANETARY RELATIONSHIPS	18,000	17,000	14,300	20,400	------	------	23,000	------	------	------
ATMOSPHERIC SCIENCE, OTHER	18,600	------	------	------	------	------	------	------	------	------
SPACE SCIENCE, OTHER	------	------	------	------	------	------	------	------	------	------
ACOUSTICS	18,900	13,600	15,900	20,000	------	------	20,000	------	------	------
ATOMS AND MOLECULES	15,400	12,600	13,500	20,000	------	------	18,600	------	------	------
ELECTROMAGNETISM	20,000	15,000	20,000	21,000	------	------	22,000	------	------	------
ELEMENTARY PARTICLES AND FIELDS	13,300	13,200	12,500	19,800	------	------	------	------	------	------
MECHANICS	17,500	14,100	15,200	20,300	------	------	20,000	------	------	------
NUCLEI	16,000	13,800	12,000	21,000	------	------	19,000	------	------	------
OPTICS	19,200	14,500	16,000	18,000	------	21,900	20,700	------	------	------
FLUIDS	17,800	14,500	16,800	19,000	------	20,000	20,000	------	------	------
SOLIDS	18,000	13,800	14,500	17,800	------	18,500	19,700	------	------	------
THERMAL PHYSICS	15,700	13,000	12,300	16,300	------	------	19,600	------	------	------
INSTRUMENTATION	20,000	15,500	17,000	21,600	------	18,500	21,200	------	------	------
PHYSICS, OTHER	14,700	13,000	17,000	24,000	------	21,000	22,000	------	------	------
ADDITIONAL ASTRO-PHYSICAL SPECIALTIES	15,100	13,000	13,500	18,400	------	16,400	19,000	------	------	------
ALGEBRA	13,000	12,500	14,000	------	------	------	------	------	------	------
ANALYSIS AND FUNCTIONAL ANALYSIS	13,500	13,000	15,600	19,200	------	------	20,000	------	------	------
GEOMETRY	14,000	13,400	17,000	------	------	------	------	------	------	------
LOGIC	13,000	13,000	13,400	------	------	------	------	------	------	------
OPERATIONS RESEARCH	18,700	14,000	17,100	23,700	------	22,000	21,600	------	------	------
NUMBER THEORY	13,900	13,500	15,000	------	------	------	------	------	------	------
NUMERICAL ANALYSIS	18,000	14,100	20,000	------	------	------	19,900	------	------	------
TOPOLOGY	12,600	12,600	14,000	------	------	------	------	------	------	------
PROBABILITY	15,000	13,700	16,000	------	------	------	20,000	------	------	------
MATHEMATICS, OTHER	15,000	13,600	16,500	22,300	------	------	22,000	------	------	------
COMPUTING THEORY	18,200	14,700	------	------	------	------	------	------	------	------
COMPUTER NUMERICAL PROCESSING	18,500	14,200	18,000	------	------	------	20,000	------	------	------
COMPUTER NON-NUMERICAL PROCESSING	18,000	14,500	17,000	------	------	------	21,000	------	------	------
BUSINESS DATA PROCESSING	20,000	14,500	------	------	------	------	24,600	------	------	------
COMPUTER HARDWARE DESIGN	20,800	------	------	------	------	------	24,000	------	------	------
SYSTEMS PROGRAMMING AND SOFTWARE DESIGN AND IMPLEMENTATION	19,500	14,000	19,100	------	------	------	21,500	------	------	------
COMPUTER SCIENCE, OTHER	20,000	16,000	18,500	21,000	------	21,900	21,000	------	------	------
AGRONOMY	16,500	------	16,300	17,300	------	------	17,500	------	------	------
ANIMAL HUSBANDRY	16,000	------	15,900	17,900	------	------	18,000	------	------	------
FISH AND WILDLIFE	15,200	12,000	14,800	17,300	14,500	------	------	------	------	------
FORESTRY	16,300	------	16,300	17,400	------	------	------	------	------	------
RANGE MANAGEMENT	15,400	------	14,700	------	------	------	------	------	------	------
HORTICULTURE	16,000	------	16,000	15,200	------	------	16,400	------	------	------
SOIL SCIENCE	16,800	13,000	16,900	17,400	------	------	18,200	------	------	------
AGRICULTURAL SCIENCES, OTHER	18,000	------	18,500	19,000	------	------	18,000	------	------	------
ANATOMY	17,000	14,100	18,000	------	------	------	------	------	------	------
BOTANY	13,400	12,500	15,900	16,500	------	14,500	------	------	------	------
ECOLOGY	14,000	12,500	15,500	16,300	13,000	16,200	16,500	------	------	------
ENTOMOLOGY	15,500	13,500	16,000	15,800	15,000	16,200	17,400	------	------	------
GENETICS	15,400	13,300	16,500	16,900	------	16,500	16,500	------	------	------
IMMUNOLOGY	16,300	14,000	16,500	18,400	------	14,500	18,200	------	------	------
MICROBIOLOGY	16,500	13,300	16,500	18,500	17,000	17,000	18,500	------	------	------
NUTRITION	16,700	14,000	16,400	17,400	------	------	17,500	------	------	------
PATHOLOGY	20,300	------	20,000	------	------	19,500	22,000	------	------	------
PHARMACOLOGY	18,600	14,800	17,000	19,000	------	18,200	22,000	------	------	------
PHYSIOLOGY	15,900	13,000	17,000	18,000	------	17,000	18,300	------	------	------
PLANT PATHOLOGY	15,800	------	16,000	16,000	14,300	------	15,000	------	------	------
VIROLOGY	17,300	12,800	16,500	18,600	18,000	15,200	19,200	------	------	------
ZOOLOGY	13,500	12,800	15,400	18,000	------	14,300	------	------	------	------
BIOPHYSICS	17,000	15,000	17,000	19,200	------	17,000	18,900	------	------	------
BIOLOGY, BIOMEDICAL SCIENCES	17,000	13,000	18,000	21,000	19,500	19,100	22,000	35,000	------	------

TABLE A-54B. MEDIAN ANNUAL SALARIES OF DOCTORATE SCIENTISTS, BY SUBFIELD AND TYPE OF EMPLOYER, 1970--CONTINUED

SCIENTIFIC AND TECHNICAL SUBFIELD	TOTAL	TYPE OF EMPLOYER								NO REPORT OF TYPE OF EMPLOYER
		EDUCATIONAL INSTITUTIONS		FEDERAL GOVERN-MENT	OTHER GOVERN-MENT	NONPROFIT ORGANIZA-TIONS	INDUSTRY AND BUSINESS	SELF-EMPLOYED	OTHER	
		ACADEMIC YEAR	CALENDAR YEAR							
CLINICAL PSYCHOLOGY	16,300	13,700	16,000	17,900	15,200	16,000	17,000	25,000	14,500	19,600
COUNSELING PSYCHOLOGY	15,000	13,000	15,500	17,900	16,000	16,500	------	20,000	------	------
DEVELOPMENTAL PSYCHOLOGY	14,400	13,000	16,300	------	------	------	------	------	------	------
EDUCATIONAL PSYCHOLOGY	16,200	14,000	18,000	21,000	17,200	19,500	22,000	------	------	------
ENGINEERING PSYCHOLOGY	21,000	15,000	------	21,000	------	------	22,000	------	------	------
ORGANIZATION AND PERSONNEL PSYCHOLOGY	20,400	14,500	19,400	22,000	------	21,400	24,000	30,000	------	------
PERSONALITY	14,900	13,500	17,000	------	------	------	------	------	------	------
SCHOOL PSYCHOLOGY	16,000	14,600	17,000	------	16,500	------	------	------	------	------
COMMUNITY PSYCHOLOGY	17,500	13,000	18,000	------	16,300	17,800	------	------	------	------
EXPERIMENTAL, COMPARATIVE, AND PHYSIOLOGICAL PSYCHOLOGY	14,200	12,800	16,400	17,900	15,000	17,400	20,500	------	------	------
PSYCHOMETRICS	16,500	13,200	17,500	18,500	------	19,000	20,500	------	------	------
SOCIAL PSYCHOLOGY	14,700	13,000	16,900	21,600	16,800	20,000	21,000	------	------	------
PSYCHOLOGY, OTHER	16,000	13,300	17,200	22,000	17,500	20,000	24,500	25,000	------	------
STATISTICS	17,200	14,000	18,000	22,200	------	20,700	20,000	------	------	------
GENERAL ECONOMICS - THEORY - HISTORY - SYSTEMS	15,100	14,500	17,400	------	------	------	25,000	------	------	------
ECONOMIC GROWTH AND DEVELOPMENT	18,700	14,700	19,900	24,100	22,500	26,400	28,500	------	------	------
ECONOMIC STATISTICS	16,000	14,800	16,400	------	------	------	------	------	------	------
MONETARY AND FISCAL THEORY AND INSTITUTIONS	18,000	14,900	18,000	24,000	24,000	24,500	25,000	------	------	------
INTERNATIONAL ECONOMICS	17,000	14,000	------	25,000	21,000	------	------	------	------	------
BUSINESS ORGANIZATION - FINANCE - MARKETING - ACCOUNTING	18,200	16,000	20,000	------	------	------	27,800	------	------	------
INDUSTRIAL ORGANIZATION	18,200	15,500	22,000	23,400	------	------	25,000	------	------	------
AGRICULTURE - NATURAL RESOURCES	18,000	15,000	17,700	19,500	------	20,300	------	------	------	------
MANPOWER - LABOR - POPULATION	17,700	15,100	20,500	------	------	20,000	------	------	------	------
WELFARE PROGRAMS - CONSUMER ECONOMICS - URBAN AND REGIONAL ECONOMICS	17,300	14,500	18,500	21,600	17,500	22,000	------	------	------	------
ECONOMICS, OTHER	17,500	14,300	21,000	------	------	21,000	23,900	------	------	------
SOCIO-CULTURAL THEORY	14,000	14,000	15,000	------	------	------	------	------	------	------
METHODOLOGY-SOCIOLOGY	14,500	13,000	16,000	------	------	------	------	------	------	------
DEMOGRAPHY AND POPULATION	16,000	13,400	17,400	------	------	------	------	------	------	------
RURAL-URBAN SOCIOLOGY	15,700	15,000	16,900	------	------	------	------	------	------	------
SOCIAL CHANGE AND DEVELOPMENT	15,900	14,500	17,600	------	------	------	------	------	------	------
SOCIAL ORGANIZATION, STRUCTURE AND INSTITUTIONS	15,000	14,000	16,700	------	17,000	17,500	------	------	------	------
SOCIAL PROBLEMS, SOCIAL DISORGANIZATION	15,000	14,000	16,500	------	------	------	------	------	------	------
SOCIOLOGY, OTHER	16,000	15,000	------	------	------	------	------	------	------	------
POLITICAL THEORY	13,400	12,800	14,500	------	------	------	------	------	------	------
METHODOLOGY-POLITICAL SCIENCE	14,300	12,300	------	------	------	------	------	------	------	------
PUBLIC POLICY- FORMATION AND IMPACTS	16,000	14,000	17,700	21,600	------	25,800	------	------	------	------
PUBLIC ADMINISTRATION	19,000	14,700	20,900	24,000	23,500	23,500	------	------	------	------
POLITICAL STABILITY, INSTABILITY AND CHANGE	13,600	13,500	------	------	------	------	------	------	------	------
FOREIGN AND CROSS-NATIONAL POLITICAL INSTITUTIONS AND BEHAVIOR	13,000	12,300	15,000	23,000	------	------	------	------	------	------
U S POLITICAL INSTITUTIONS, PROCESSES, AND BEHAVIOR	14,900	13,500	17,500	------	------	------	------	------	------	------
INTERNATIONAL LAW, ORGANIZATION, AND POLITICS	14,000	13,000	15,800	------	------	------	------	------	------	------
POLITICAL SCIENCE, OTHER	15,300	13,000	18,400	------	------	------	------	------	------	------
ARCHEOLOGY/PREHISTORY	13,800	13,200	15,800	------	------	------	------	------	------	------
LINGUISTIC ANTHROPOLOGY/ANTHROPOLOGICAL LINGUISTICS	13,000	13,600	------	------	------	------	------	------	------	------
BIOLOGICAL/PHYSICAL ANTHROPOLOGY	14,400	12,800	------	------	------	------	------	------	------	------
CULTURAL/SOCIAL ANTHROPOLOGY, ETHNOLOGY	15,000	14,500	15,400	------	------	------	------	------	------	------
ANTHROPOLOGY, OTHER	16,800	14,000	------	------	------	------	------	------	------	------
APPLICATIONS TO LANGUAGE TEACHING	13,500	12,700	15,300	------	------	------	------	------	------	------
DESCRIPTIVE LINGUISTICS	12,700	12,700	13,000	------	------	------	------	------	------	------
GENERAL LINGUISTICS	12,900	12,900	------	------	------	------	------	------	------	------
HISTORICAL AND COMPARATIVE LINGUISTICS	14,400	14,500	14,000	------	------	------	------	------	------	------
LANGUAGE IN RELATION TO OTHER FIELDS	13,500	13,000	------	------	------	------	------	------	------	------
LANGUAGE POLICIES	------	------	------	------	------	------	------	------	------	------
LITERACY AND WRITING SYSTEMS	------	------	------	------	------	------	------	------	------	------
MECHANIZED APPLICATIONS	------	------	------	------	------	------	------	------	------	------
PHONETICS	14,000	------	------	------	------	------	------	------	------	------
LINGUISTICS, OTHER	14,000	13,200	14,100	------	------	------	------	------	------	------
OTHER SPECIALTIES	20,000	14,600	19,500	22,900	17,900	20,000	21,900	30,000	18,600	------

NOTE - ALL MEDIAN SALARIES WERE COMPUTED ONLY FOR FULL-TIME EMPLOYED CIVILIAN SCIENTISTS. NO MEDIAN WAS COMPUTED FOR GROUPS WITH FEWER THAN 25 REGISTRANTS REPORTING SALARY.

SOURCE - NATIONAL REGISTER OF SCIENTIFIC AND TECHNICAL PERSONNEL, 1970

TABLE A-56C. MEDIAN ANNUAL SALARIES OF MASTER'S DEGREE SCIENTISTS, BY SUBFIELD AND TYPE OF EMPLOYER, 1970

SCIENTIFIC AND TECHNICAL SUBFIELD	TOTAL	TYPE OF EMPLOYER								NO REPORT OF TYPE OF EMPLOYER
		EDUCATIONAL INSTITUTIONS		FEDERAL GOVERNMENT	OTHER GOVERNMENT	NONPROFIT ORGANIZATIONS	INDUSTRY AND BUSINESS	SELF-EMPLOYED	OTHER	
		ACADEMIC YEAR	CALENDAR YEAR							
ALL SUBFIELDS	13,500	10,200	11,700	15,900	12,300	14,000	16,100	18,000	13,500	13,500
ANALYTICAL CHEMISTRY	14,000	11,000	9,300	15,000	11,600	------	14,000	------	13,900	------
INORGANIC CHEMISTRY	14,600	10,500	6,000	------	------	------	15,600	------	------	------
MACROMOLECULAR CHEMISTRY	15,700	------	------	17,000	------	------	15,900	------	------	------
ORGANIC CHEMISTRY	15,000	8,400	3,600	16,000	------	12,000	15,500	------	------	------
RELATED CHEMICAL SPECIALTIES	16,300	------	10,000	17,000	13,000	18,000	18,500	------	17,000	------
AGRICULTURAL CHEMISTRY	14,300	------	------	17,000	12,000	------	14,600	------	------	------
FOOD SCIENCE AND TECHNOLOGY	16,000	------	------	16,000	------	------	16,000	------	------	------
BIOCHEMISTRY	12,000	9,600	8,000	14,000	11,200	11,500	14,000	------	------	------
PHYSICAL CHEMISTRY	15,000	9,000	6,200	17,400	------	15,300	15,500	------	------	------
CHEMISTRY, OTHER	13,800	10,300	11,300	17,600	12,400	13,700	16,500	18,000	13,800	------
GEOCHEMISTRY	13,000	------	------	------	------	------	13,500	------	------	------
GEODESY	15,000	------	------	14,500	------	------	------	------	------	------
GEOLOGY	15,000	10,300	12,000	16,000	12,600	------	15,500	16,000	------	------
PALEONTOLOGY	12,500	9,500	------	------	------	------	14,400	------	------	------
SOLID-EARTH GEOPHYSICS	15,000	------	------	15,200	------	------	15,000	------	------	------
GEOGRAPHY	10,600	10,000	11,000	15,600	12,300	------	14,000	------	------	------
HYDROLOGY	14,700	------	------	14,800	13,000	------	15,200	------	------	------
OCEANOGRAPHY	14,200	------	12,000	15,500	------	------	16,100	------	------	------
EARTH SCIENCE, OTHER	11,000	10,000	------	16,300	------	------	18,000	------	------	------
MARINE SCIENCE, OTHER	------	------	------	------	------	------	------	------	------	------
ATMOSPHERIC STRUCTURE AND DYNAMICS	15,100	------	10,000	16,000	------	15,500	16,200	------	------	------
CLIMATOLOGY	15,000	------	------	16,000	------	------	------	------	------	------
WEATHER ANALYSIS AND FORECASTING	16,100	------	------	16,300	------	------	------	------	------	------
METEOROLOGICAL AREA SPECIALIZATIONS	16,200	------	------	17,300	------	------	16,500	------	------	------
INSTRUMENTATION AND TECHNIQUES	18,000	------	------	18,500	------	------	18,100	------	------	------
PLANETOLOGY	16,100	------	------	------	------	------	------	------	------	------
SOLAR-PLANETARY RELATIONSHIPS	15,100	------	------	17,400	------	------	------	------	------	------
ATMOSPHERIC SCIENCE, OTHER	17,300	------	------	18,500	------	------	------	------	------	------
SPACE SCIENCE, OTHER	------	------	------	------	------	------	------	------	------	------
ACOUSTICS	16,300	------	------	17,000	------	------	17,000	------	------	------
ATOMS AND MOLECULES	14,900	------	------	------	------	------	------	------	------	------
ELECTROMAGNETISM	16,200	------	------	15,500	------	------	16,800	------	------	------
ELEMENTARY PARTICLES AND FIELDS	10,000	------	------	------	------	------	------	------	------	------
MECHANICS	14,800	10,500	------	16,000	------	------	16,000	------	------	------
NUCLEI	15,200	------	------	18,100	------	------	16,000	------	------	------
OPTICS	15,600	10,000	11,500	16,000	------	------	16,000	------	------	------
FLUIDS	16,600	------	------	18,000	------	------	17,200	------	------	------
SOLIDS	15,600	9,700	7,500	15,600	------	------	16,500	------	------	------
THERMAL PHYSICS	14,500	------	------	------	------	------	14,600	------	------	------
INSTRUMENTATION	16,800	12,000	11,300	16,900	------	------	17,000	------	------	------
PHYSICS, OTHER	11,100	10,500	11,400	17,000	------	------	16,100	------	------	------
ADDITIONAL ASTRO-PHYSICAL SPECIALTIES	13,100	------	------	14,700	------	------	------	------	------	------
ALGEBRA	10,000	9,900	10,100	------	------	------	------	------	------	------
ANALYSIS AND FUNCTIONAL ANALYSIS	10,500	10,000	11,800	14,300	------	------	15,300	------	------	------
GEOMETRY	10,000	10,000	------	------	------	------	------	------	------	------
LOGIC	10,400	9,500	------	------	------	------	------	------	------	------
OPERATIONS RESEARCH	17,900	12,500	12,600	18,500	16,200	19,500	18,000	------	------	------
NUMBER THEORY	10,000	9,200	------	------	------	------	------	------	------	------
NUMERICAL ANALYSIS	14,600	10,500	11,600	16,400	------	------	15,000	------	------	------
TOPOLOGY	9,300	9,300	------	------	------	------	------	------	------	------
PROBABILITY	13,900	10,600	------	------	------	------	17,500	------	------	------
MATHEMATICS, OTHER	11,000	10,000	11,800	16,500	13,300	17,300	20,300	------	------	------
COMPUTING THEORY	13,200	10,700	------	------	------	------	16,200	------	------	------
COMPUTER NUMERICAL PROCESSING	15,000	------	12,600	16,900	------	------	15,500	------	------	------
COMPUTER NON-NUMERICAL PROCESSING	15,800	------	12,000	16,300	------	17,000	16,500	------	------	------
BUSINESS DATA PROCESSING	16,000	11,000	14,500	19,100	16,300	18,300	19,000	------	------	------
COMPUTER HARDWARE DESIGN	19,200	------	------	------	------	------	19,300	------	------	------
SYSTEMS PROGRAMMING AND SOFTWARE DESIGN AND IMPLEMENTATION	16,400	------	13,300	16,300	------	16,500	17,000	------	------	------
COMPUTER SCIENCE, OTHER	15,600	10,600	13,000	18,000	------	15,600	16,200	------	------	------
AGRONOMY	13,000	------	12,900	14,700	------	------	13,500	------	------	------
ANIMAL HUSBANDRY	12,600	------	13,000	------	------	------	12,500	------	------	------
FISH AND WILDLIFE	12,000	------	10,500	14,000	10,800	------	------	------	------	------
FORESTRY	13,000	11,000	12,900	13,800	11,000	------	12,300	14,600	------	------
RANGE MANAGEMENT	12,700	------	------	12,700	------	------	------	------	------	------
HORTICULTURE	12,800	------	13,000	------	------	------	14,000	------	------	------
SOIL SCIENCE	12,700	------	11,800	13,500	------	------	14,600	------	------	------
AGRICULTURAL SCIENCES, OTHER	13,100	------	13,600	15,100	------	------	14,000	------	------	------
ANATOMY	10,300	10,000	------	------	------	------	------	------	------	------
BOTANY	10,000	10,000	10,000	------	------	------	------	------	------	------
ECOLOGY	11,100	10,600	10,500	14,000	11,100	------	------	------	------	------
ENTOMOLOGY	12,600	------	11,600	13,800	12,000	------	13,000	------	------	------
GENETICS	10,500	------	------	------	------	------	------	------	------	------
IMMUNOLOGY	11,000	------	------	------	------	------	------	------	------	------
MICROBIOLOGY	12,000	10,800	9,600	13,800	12,000	11,100	13,500	------	------	------
NUTRITION	12,200	------	11,700	------	------	------	13,500	------	------	------
PATHOLOGY	12,000	------	------	------	------	------	------	------	------	------
PHARMACOLOGY	13,300	------	------	------	------	------	14,800	------	------	------
PHYSIOLOGY	10,700	10,000	10,700	------	------	------	------	------	------	------
PLANT PATHOLOGY	12,000	------	9,600	13,500	------	------	------	------	------	------
VIROLOGY	10,900	------	7,300	------	------	------	12,300	------	------	------
ZOOLOGY	10,000	10,000	10,500	------	------	------	------	------	------	------
BIOPHYSICS	15,000	------	14,300	16,300	------	15,000	16,000	------	------	------
BIOLOGY, BIOMEDICAL SCIENCES	11,000	10,600	11,500	13,800	11,600	12,500	15,500	------	------	------

TABLE A-56C. MEDIAN ANNUAL SALARIES OF MASTER'S DEGREE SCIENTISTS, BY SUBFIELD AND TYPE OF EMPLOYER, 1970--CONTINUED

SCIENTIFIC AND TECHNICAL SUBFIELD	TOTAL	TYPE OF EMPLOYER								NO REPORT OF TYPE OF EMPLOYER
		EDUCATIONAL INSTITUTIONS		FEDERAL GOVERN-MENT	OTHER GOVERN-MENT	NONPROFIT ORGANIZA-TIONS	INDUSTRY AND BUSINESS	SELF-EMPLOYED	OTHER	
		ACADEMIC YEAR	CALENDAR YEAR							
CLINICAL PSYCHOLOGY	12,000	10,500	12,300	11,000	12,000	11,700	12,000	22,000	------	------
COUNSELING PSYCHOLOGY	12,000	10,900	12,700	16,500	11,700	12,500	12,000	------	------	------
DEVELOPMENTAL PSYCHOLOGY	10,700	10,200	------	------	------	------	------	------	------	------
EDUCATIONAL PSYCHOLOGY	13,500	11,300	16,000	------	13,500	12,800	------	------	------	------
ENGINEERING PSYCHOLOGY	17,400	------	------	18,000	------	------	17,700	------	------	------
ORGANIZATION AND PERSONNEL PSYCHOLOGY	17,000	------	------	17,400	14,700	16,500	17,900	24,000	------	------
PERSONALITY	10,000	10,000	------	------	------	------	------	------	------	------
SCHOOL PSYCHOLOGY	13,700	13,200	14,500	------	14,000	------	------	------	------	------
COMMUNITY PSYCHOLOGY	13,400	------	------	------	14,500	13,000	------	------	------	------
EXPERIMENTAL, COMPARATIVE, AND PHYSIOLOGICAL PSYCHOLOGY	10,000	9,500	10,400	------	------	------	------	------	------	------
PSYCHOMETRICS	15,900	------	------	15,000	------	------	16,000	------	------	------
SOCIAL PSYCHOLOGY	10,500	9,600	10,500	------	------	------	20,000	------	------	------
PSYCHOLOGY, OTHER	11,400	9,800	12,900	15,200	12,600	------	------	------	------	------
STATISTICS	15,600	11,000	13,000	17,900	14,300	15,200	16,500	------	------	------
GENERAL ECONOMICS - THEORY - HISTORY - SYSTEMS	11,000	10,500	12,500	------	------	------	------	------	------	------
ECONOMIC GROWTH AND DEVELOPMENT	16,600	10,800	------	19,400	18,200	------	19,000	------	------	------
ECONOMIC STATISTICS	13,000	10,800	------	20,300	------	------	------	------	------	------
MONETARY AND FISCAL THEORY AND INSTITUTIONS	14,500	10,400	------	20,900	16,200	------	16,300	------	------	------
INTERNATIONAL ECONOMICS	18,500	------	------	22,000	------	------	------	------	------	------
BUSINESS ORGANIZATION - FINANCE - MARKETING - ACCOUNTING	14,000	12,000	14,500	19,600	------	------	18,300	------	------	------
INDUSTRIAL ORGANIZATION	17,000	12,000	------	18,500	------	------	20,300	------	------	------
AGRICULTURE - NATURAL RESOURCES	15,000	------	14,300	16,900	------	------	15,500	------	------	------
MANPOWER - LABOR - POPULATION	15,500	11,700	------	19,200	15,200	------	------	------	------	------
WELFARE PROGRAMS - CONSUMER ECONOMICS - URBAN AND REGIONAL ECONOMICS	14,700	11,900	14,000	18,500	13,900	15,900	18,500	------	------	------
ECONOMICS, OTHER	12,000	10,200	12,900	19,800	------	------	18,900	------	------	------
SOCIO-CULTURAL THEORY	9,500	9,500	9,600	------	------	------	------	------	------	------
METHODOLOGY-SOCIOLOGY	10,400	10,000	------	------	------	------	------	------	------	------
DEMOGRAPHY AND POPULATION	11,000	------	------	------	------	------	------	------	------	------
RURAL-URBAN SOCIOLOGY	10,200	9,600	11,000	------	------	------	------	------	------	------
SOCIAL CHANGE AND DEVELOPMENT	11,200	10,200	------	------	------	------	------	------	------	------
SOCIAL ORGANIZATION, STRUCTURE AND INSTITUTIONS	10,100	9,800	10,500	------	13,000	12,000	------	------	------	------
SOCIAL PROBLEMS, SOCIAL DISORGANIZATION	10,100	9,500	11,000	------	12,300	------	------	------	------	------
SOCIOLOGY, OTHER	9,400	9,700	------	------	------	------	------	------	------	------
POLITICAL THEORY	10,000	10,000	------	------	------	------	------	------	------	------
METHODOLOGY-POLITICAL SCIENCE	10,100	------	------	------	------	------	------	------	------	------
PUBLIC POLICY- FORMATION AND IMPACTS	13,000	10,000	------	18,400	------	------	------	------	------	------
PUBLIC ADMINISTRATION	14,600	10,900	15,400	18,500	14,600	------	------	------	------	------
POLITICAL STABILITY, INSTABILITY AND CHANGE	10,400	------	------	------	------	------	------	------	------	------
FOREIGN AND CROSS-NATIONAL POLITICAL INSTITUTIONS AND BEHAVIOR	10,700	9,900	9,500	------	------	------	------	------	------	------
U S POLITICAL INSTITUTIONS, PROCESSES, AND BEHAVIOR	10,400	9,700	11,400	------	13,500	------	------	------	------	------
INTERNATIONAL LAW, ORGANIZATION, AND POLITICS	10,200	9,800	------	------	------	------	------	------	------	------
POLITICAL SCIENCE, OTHER	10,500	9,100	------	------	------	------	------	------	------	------
ARCHEOLOGY/PREHISTORY	------	------	------	------	------	------	------	------	------	------
LINGUISTIC ANTHROPOLOGY/ANTHROPOLOGICAL LINGUISTICS	------	------	------	------	------	------	------	------	------	------
BIOLOGICAL/PHYSICAL ANTHROPOLOGY	------	------	------	------	------	------	------	------	------	------
CULTURAL/SOCIAL ANTHROPOLOGY, ETHNOLOGY	------	------	------	------	------	------	------	------	------	------
ANTHROPOLOGY, OTHER	11,200	------	------	------	------	------	------	------	------	------
APPLICATIONS TO LANGUAGE TEACHING	10,400	10,000	------	------	------	------	------	------	------	------
DESCRIPTIVE LINGUISTICS	10,900	------	------	------	------	------	------	------	------	------
GENERAL LINGUISTICS	------	------	------	------	------	------	------	------	------	------
HISTORICAL AND COMPARATIVE LINGUISTICS	------	------	------	------	------	------	------	------	------	------
LANGUAGE IN RELATION TO OTHER FIELDS	------	------	------	------	------	------	------	------	------	------
LANGUAGE POLICIES	------	------	------	------	------	------	------	------	------	------
LITERACY AND WRITING SYSTEMS	------	------	------	------	------	------	------	------	------	------
MECHANIZED APPLICATIONS	------	------	------	------	------	------	------	------	------	------
PHONETICS	------	------	------	------	------	------	------	------	------	------
LINGUISTICS, OTHER	10,000	10,000	------	------	------	------	------	------	------	------
OTHER SPECIALTIES	15,000	10,700	12,100	17,600	13,000	15,600	18,100	15,000	15,500	------

NOTE - ALL MEDIAN SALARIES WERE COMPUTED ONLY FOR FULL-TIME EMPLOYED CIVILIAN SCIENTISTS. NO MEDIAN WAS COMPUTED FOR GROUPS WITH FEWER THAN 25 REGISTRANTS REPORTING SALARY.

SOURCE - NATIONAL REGISTER OF SCIENTIFIC AND TECHNICAL PERSONNEL, 1970

TABLE [illegible]. MEDIAN ANNUAL SALARIES OF BACHELOR'S DEGREE SCIENTISTS, BY SUBFIELD AND TYPE OF EMPLOYER, [illegible]

SCIENTIFIC AND TECHNICAL SUBFIELD	TOTAL	TYPE OF EMPLOYER								NO REPORT OF TYPE OF EMPLOYER
		EDUCATIONAL INSTITUTIONS		FEDERAL GOVERN-MENT	OTHER GOVERN-MENT	NONPROFIT ORGANIZA-TIONS	INDUSTRY AND BUSINESS	SELF-EMPLOYED	OTHER	
		ACADEMIC YEAR	CALENDAR YEAR							
ALL SUBFIELDS	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
ANALYTICAL CHEMISTRY	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	------	[illegible]	------
INORGANIC CHEMISTRY	[illegible]	[illegible]	[illegible]	[illegible]	------	------	[illegible]	------	------	------
MACROMOLECULAR CHEMISTRY	[illegible]	------	------	[illegible]	------	[illegible]	[illegible]	------	------	------
ORGANIC CHEMISTRY	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	------	------	------
RELATED CHEMICAL SPECIALTIES	[illegible]	------	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	------
AGRICULTURAL CHEMISTRY	[illegible]	------	------	[illegible]	[illegible]	------	[illegible]	------	------	------
FOOD SCIENCE AND TECHNOLOGY	[illegible]	------	------	[illegible]	[illegible]	------	[illegible]	------	------	------
BIOCHEMISTRY	[illegible]	------	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	------	------	------
PHYSICAL CHEMISTRY	[illegible]	[illegible]	[illegible]	[illegible]	------	[illegible]	[illegible]	------	------	------
CHEMISTRY, OTHER	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	------
GEOCHEMISTRY	[illegible]	------	------	[illegible]	------	------	[illegible]	------	------	------
GEODESY	[illegible]	------	------	[illegible]	------	------	------	------	------	------
GEOLOGY	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	------	[illegible]	[illegible]	------	------
PALEONTOLOGY	[illegible]	------	------	------	------	------	[illegible]	------	------	------
SOLID-EARTH GEOPHYSICS	[illegible]	------	------	[illegible]	------	------	[illegible]	------	------	------
OCEANOGRAPHY	[illegible]	[illegible]	------	[illegible]	[illegible]	------	[illegible]	------	------	------
HYDROLOGY	[illegible]	------	------	[illegible]	[illegible]	------	[illegible]	------	------	------
[illegible]	[illegible]	------	------	[illegible]	------	------	[illegible]	------	------	------
EARTH SCIENCES, OTHER	[illegible]	[illegible]	------	[illegible]	------	------	[illegible]	------	------	------
MARINE SCIENCES, OTHER	------	------	------	------	------	------	------	------	------	------
ATMOSPHERIC STRUCTURE AND DYNAMICS	[illegible]	------	------	[illegible]	------	------	[illegible]	------	------	------
CLIMATOLOGY	[illegible]	------	------	[illegible]	------	------	------	------	------	------
WEATHER ANALYSIS AND FORECASTING	[illegible]	------	------	[illegible]	------	------	[illegible]	------	------	------
METEOROLOGICAL AREA SPECIALIZATIONS	[illegible]	------	------	[illegible]	[illegible]	------	[illegible]	------	------	------
INSTRUMENTATION AND TECHNIQUES	[illegible]	------	------	[illegible]	------	------	[illegible]	------	------	------
PLANETOLOGY	------	------	------	------	------	------	------	------	------	------
SOLAR-PLANETARY RELATIONSHIPS	[illegible]	------	------	[illegible]	------	------	------	------	------	------
ATMOSPHERIC SCIENCES, OTHER	[illegible]	------	------	[illegible]	------	------	------	------	------	------
SPACE SCIENCES, OTHER	------	------	------	------	------	------	------	------	------	------
ACOUSTICS	[illegible]	------	------	[illegible]	------	------	[illegible]	------	------	------
ATOMS AND MOLECULES	[illegible]	------	------	------	------	------	------	------	------	------
ELECTROMAGNETISM	[illegible]	------	------	[illegible]	------	------	[illegible]	------	------	------
ELEMENTARY PARTICLES AND FIELDS	------	------	------	------	------	------	------	------	------	------
MECHANICS	[illegible]	------	------	[illegible]	------	------	[illegible]	------	------	------
NUCLEI	[illegible]	------	------	------	------	------	[illegible]	------	------	------
OPTICS	[illegible]	------	------	[illegible]	------	------	[illegible]	------	------	------
PLASMAS	[illegible]	------	------	[illegible]	------	------	[illegible]	------	------	------
SOLIDS	[illegible]	------	------	[illegible]	------	------	[illegible]	------	------	------
THERMAL PHYSICS	[illegible]	------	------	------	------	------	[illegible]	------	------	------
INSTRUMENTATION	[illegible]	------	------	[illegible]	------	------	[illegible]	------	------	------
PHYSICS, OTHER	[illegible]	[illegible]	[illegible]	[illegible]	------	------	[illegible]	------	------	------
ADDITIONAL [illegible] SPECIALTIES	[illegible]	------	------	[illegible]	------	------	------	------	------	------
ALGEBRA	[illegible]	------	------	------	------	------	------	------	------	------
ANALYSIS AND FUNCTIONAL ANALYSIS	[illegible]	------	------	------	------	------	------	------	------	------
GEOMETRY	[illegible]	------	------	------	------	------	------	------	------	------
LOGIC	------	------	------	------	------	------	------	------	------	------
OPERATIONS RESEARCH	[illegible]	------	------	[illegible]	------	[illegible]	[illegible]	------	------	------
NUMBER THEORY	------	------	------	------	------	------	------	------	------	------
NUMERICAL ANALYSIS	[illegible]	------	------	[illegible]	------	------	[illegible]	------	------	------
TOPOLOGY	------	------	------	------	------	------	------	------	------	------
PROBABILITY	[illegible]	------	------	------	------	------	[illegible]	------	------	------
MATHEMATICS, OTHER	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	------	[illegible]	------	------	------
COMPUTING THEORY	[illegible]	------	------	------	------	------	[illegible]	------	------	------
COMPUTER NUMERICAL PROCESSING	[illegible]	------	------	[illegible]	------	------	[illegible]	------	------	------
COMPUTER NON-NUMERICAL PROCESSING	[illegible]	------	------	[illegible]	------	[illegible]	[illegible]	------	------	------
BUSINESS DATA PROCESSING	[illegible]	------	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	------	------	------
COMPUTER HARDWARE DESIGN	[illegible]	------	------	------	------	------	[illegible]	------	------	------
SYSTEMS PROGRAMMING AND SOFTWARE DESIGN AND IMPLEMENTATION	[illegible]	------	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	------	------	------
COMPUTER SCIENCES, OTHER	[illegible]	------	[illegible]	[illegible]	------	------	[illegible]	------	------	------
AGRONOMY	[illegible]	------	[illegible]	[illegible]	------	------	[illegible]	------	------	------
ANIMAL HUSBANDRY	[illegible]	------	[illegible]	------	------	------	[illegible]	------	------	------
FISH AND WILDLIFE	[illegible]	------	------	[illegible]	[illegible]	------	------	------	------	------
FORESTRY	[illegible]	------	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	------	------
RANGE MANAGEMENT	[illegible]	------	------	[illegible]	------	------	------	------	------	------
HORTICULTURE	[illegible]	------	[illegible]	------	------	------	[illegible]	------	------	------
SOIL SCIENCE	[illegible]	------	------	[illegible]	[illegible]	------	[illegible]	------	------	------
AGRICULTURAL SCIENCES, OTHER	[illegible]	------	------	[illegible]	[illegible]	------	[illegible]	------	------	------
ANATOMY	------	------	------	------	------	------	------	------	------	------
BOTANY	[illegible]	------	------	------	------	------	------	------	------	------
ECOLOGY	[illegible]	------	------	[illegible]	[illegible]	------	------	------	------	------
ENTOMOLOGY	[illegible]	------	------	[illegible]	[illegible]	------	[illegible]	------	------	------
GENETICS	[illegible]	------	------	------	------	------	------	------	------	------
IMMUNOLOGY	[illegible]	------	------	------	------	------	------	------	------	------
MICROBIOLOGY	[illegible]	------	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	------	------	------
NUTRITION	[illegible]	------	------	------	------	------	[illegible]	------	------	------
PATHOLOGY	[illegible]	------	------	------	------	------	------	------	------	------
PHARMACOLOGY	[illegible]	------	------	------	------	------	[illegible]	------	------	------
PHYSIOLOGY	[illegible]	------	------	------	------	------	------	------	------	------
PLANT PATHOLOGY	[illegible]	------	------	------	------	------	------	------	------	------
VIROLOGY	[illegible]	------	------	------	------	------	[illegible]	------	------	------
ZOOLOGY	[illegible]	------	------	------	------	------	------	------	------	------
BIOPHYSICS	[illegible]	------	------	[illegible]	------	[illegible]	[illegible]	------	------	------
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	------

TABLE A-54D. MEDIAN ANNUAL SALARIES OF BACHELOR'S DEGREE SCIENTISTS, BY SUBFIELD AND TYPE OF EMPLOYER, 1970--CONTINUED

SCIENTIFIC AND TECHNICAL SUBFIELD	TOTAL	TYPE OF EMPLOYER								NO REPORT OF TYPE OF EMPLOYER
		EDUCATIONAL INSTITUTIONS		FEDERAL GOVERN-MENT	OTHER GOVERN-MENT	NONPROFIT ORGANIZA-TIONS	INDUSTRY AND BUSINESS	SELF-EMPLOYED	OTHER	
		ACADEMIC YEAR	CALENDAR YEAR							
CLINICAL PSYCHOLOGY	14,000	------	------	------	------	------	------	------	------	------
COUNSELING PSYCHOLOGY	------	------	------	------	------	------	------	------	------	------
DEVELOPMENTAL PSYCHOLOGY	------	------	------	------	------	------	------	------	------	------
EDUCATIONAL PSYCHOLOGY	------	------	------	------	------	------	------	------	------	------
ENGINEERING PSYCHOLOGY	------	------	------	------	------	------	------	------	------	------
ORGANIZATION AND PERSONNEL PSYCHOLOGY	------	------	------	------	------	------	------	------	------	------
PERSONALITY	------	------	------	------	------	------	------	------	------	------
SCHOOL PSYCHOLOGY	------	------	------	------	------	------	------	------	------	------
COMMUNITY PSYCHOLOGY	------	------	------	------	------	------	------	------	------	------
EXPERIMENTAL, COMPARATIVE, AND PHYSIOLOGICAL PSYCHOLOGY	------	------	------	------	------	------	------	------	------	------
PSYCHOMETRICS	------	------	------	------	------	------	------	------	------	------
SOCIAL PSYCHOLOGY	10,000	------	------	------	------	------	------	------	------	------
PSYCHOLOGY, OTHER	12,000	------	------	------	------	------	------	------	------	------
STATISTICS	16,000	------	------	18,000	15,700	14,500	15,000	------	------	------
GENERAL ECONOMICS - THEORY - HISTORY - SYSTEMS	12,000	11,000	------	------	------	------	------	------	------	------
ECONOMIC GROWTH AND DEVELOPMENT	16,900	------	------	------	------	------	------	------	------	------
ECONOMIC STATISTICS	17,000	------	------	19,100	------	------	------	------	------	------
MONETARY AND FISCAL THEORY AND INSTITUTIONS	15,000	------	------	------	------	------	20,000	------	------	------
INTERNATIONAL ECONOMICS	18,400	------	------	21,000	------	------	------	------	------	------
BUSINESS ORGANIZATION - FINANCE - MARKETING - ACCOUNTING	17,400	------	------	------	------	------	18,500	------	------	------
INDUSTRIAL ORGANIZATION	16,900	------	------	16,900	------	------	23,900	------	------	------
AGRICULTURE - NATURAL RESOURCES	17,400	------	------	16,400	------	------	------	------	------	------
MANPOWER - LABOR - POPULATION	16,500	------	------	16,000	------	------	------	------	------	------
WELFARE PROGRAMS - CONSUMER ECONOMICS - URBAN AND REGIONAL ECONOMICS	15,000	------	------	18,000	------	------	------	------	------	------
ECONOMICS, OTHER	15,000	------	------	15,200	------	------	16,500	------	------	------
SOCIO-CULTURAL THEORY	9,200	------	------	------	------	------	------	------	------	------
METHODOLOGY-SOCIOLOGY	11,000	------	------	------	------	------	------	------	------	------
DEMOGRAPHY AND POPULATION	------	------	------	------	------	------	------	------	------	------
RURAL-URBAN SOCIOLOGY	------	------	------	------	------	------	------	------	------	------
SOCIAL CHANGE AND DEVELOPMENT	------	------	------	------	------	------	------	------	------	------
SOCIAL ORGANIZATION, STRUCTURE AND INSTITUTIONS	10,500	------	------	------	------	------	------	------	------	------
SOCIAL PROBLEMS, SOCIAL DISORGANIZATION	9,700	------	------	------	9,800	------	------	------	------	------
SOCIOLOGY, OTHER	9,500	------	------	------	------	------	------	------	------	------
POLITICAL THEORY	------	------	------	------	------	------	------	------	------	------
METHODOLOGY-POLITICAL SCIENCE	------	------	------	------	------	------	------	------	------	------
PUBLIC POLICY- FORMATION AND IMPACTS	------	------	------	------	------	------	------	------	------	------
PUBLIC ADMINISTRATION	------	------	------	------	------	------	------	------	------	------
POLITICAL STABILITY, INSTABILITY AND CHANGE	------	------	------	------	------	------	------	------	------	------
FOREIGN AND CROSS-NATIONAL POLITICAL INSTITUTIONS AND BEHAVIOR	------	------	------	------	------	------	------	------	------	------
U S POLITICAL INSTITUTIONS, PROCESSES, AND BEHAVIOR	------	------	------	------	------	------	------	------	------	------
INTERNATIONAL LAW, ORGANIZATION, AND POLITICS	------	------	------	------	------	------	------	------	------	------
POLITICAL SCIENCE, OTHER	------	------	------	------	------	------	------	------	------	------
ARCHEOLOGY/PREHISTORY	------	------	------	------	------	------	------	------	------	------
LINGUISTIC ANTHROPOLOGY/ANTHROPOLOGICAL LINGUISTICS	------	------	------	------	------	------	------	------	------	------
BIOLOGICAL/PHYSICAL ANTHROPOLOGY	------	------	------	------	------	------	------	------	------	------
CULTURAL/SOCIAL ANTHROPOLOGY, ETHNOLOGY	------	------	------	------	------	------	------	------	------	------
ANTHROPOLOGY, OTHER	------	------	------	------	------	------	------	------	------	------
APPLICATIONS TO LANGUAGE TEACHING	------	------	------	------	------	------	------	------	------	------
DESCRIPTIVE LINGUISTICS	------	------	------	------	------	------	------	------	------	------
GENERAL LINGUISTICS	------	------	------	------	------	------	------	------	------	------
HISTORICAL AND COMPARATIVE LINGUISTICS	------	------	------	------	------	------	------	------	------	------
LANGUAGE IN RELATION TO OTHER FIELDS	------	------	------	------	------	------	------	------	------	------
LANGUAGE POLICIES	------	------	------	------	------	------	------	------	------	------
LITERACY AND WRITING SYSTEMS	------	------	------	------	------	------	------	------	------	------
MECHANIZED APPLICATIONS	------	------	------	------	------	------	------	------	------	------
PHONETICS	------	------	------	------	------	------	------	------	------	------
LINGUISTICS, OTHER	------	------	------	------	------	------	------	------	------	------
OTHER SPECIALTIES	14,400	8,200	8,500	15,400	13,000	12,500	15,000	15,400	12,000	------

NOTE - ALL MEDIAN SALARIES WERE COMPUTED ONLY FOR FULL-TIME EMPLOYED CIVILIAN SCIENTISTS. NO MEDIAN WAS COMPUTED FOR GROUPS WITH FEWER THAN 25 REGISTRANTS REPORTING SALARY.

SOURCE - NATIONAL REGISTER OF SCIENTIFIC AND TECHNICAL PERSONNEL, 1970

TABLE B-55. MEDIAN ANNUAL SALARIES OF SCIENTISTS, BY SUBFIELD AND PRIMARY WORK ACTIVITY, 1970--CONTINUED

SCIENTIFIC AND TECHNICAL SUBFIELD	TOTAL	PRIMARY WORK ACTIVITY											NO REPORT OF WORK ACTIVITY
		RESEARCH AND DEVELOPMENT			MANAGEMENT OR ADMINISTRATION		TEACHING		PRODUCTION AND INSPECTION	CONSULTING	EXPLORATION, FORECASTING, REPORTING	OTHER	
		TOTAL (R)	BASIC RESEARCH	APPLIED RESEARCH	TOTAL (M)	OF R&D	ACADEMIC YEAR	CALENDAR YEAR					
ANATOMY	16,000	16,700	16,500	------	26,900	28,000	17,600	16,500	------	------	------	------	------
BOTANY	12,900	13,900	14,000	13,400	18,900	18,600	11,800	13,500	------	------	------	------	15,000
ECOLOGY	12,900	12,400	12,600	13,400	17,000	18,800	11,800	13,900	------	------	12,500	12,000	14,000
ENTOMOLOGY	14,400	14,300	14,300	14,300	16,900	18,500	12,000	15,000	------	------	------	12,400	14,000
GENETICS	15,000	15,300	15,000	16,000	19,900	20,000	13,000	16,200	------	------	------	------	17,000
IMMUNOLOGY	17,000	16,500	16,000	18,200	22,000	21,500	12,500	19,300	------	17,000	------	------	17,500
MICROBIOLOGY	14,900	14,000	14,000	14,000	17,500	20,000	12,300	16,500	------	11,200	------	11,600	15,600
NUTRITION	16,400	15,900	15,200	16,400	19,200	19,800	13,000	16,500	------	------	------	13,800	16,800
PATHOLOGY	25,000	20,400	20,800	20,300	28,000	25,900	------	24,000	------	30,000	------	18,000	25,000
PHARMACOLOGY	18,000	17,500	16,800	18,000	25,000	25,000	16,500	18,300	------	------	------	------	21,000
PHYSIOLOGY	16,400	16,800	16,000	20,000	24,000	24,000	12,000	18,000	------	25,000	------	------	19,000
PLANT PATHOLOGY	15,000	14,800	14,700	15,000	20,000	20,000	------	14,600	------	------	------	14,200	16,000
VIROLOGY	16,200	15,500	15,000	16,000	22,000	23,300	------	18,000	------	------	------	------	------
ZOOLOGY	12,300	13,500	13,300	14,300	18,000	17,900	12,000	13,900	------	------	------	------	14,000
BIOPHYSICS	16,500	16,000	16,000	16,000	18,000	20,400	13,500	16,500	------	17,000	------	16,400	17,200
BIOLOGY, BIOMEDICAL SCIENCES	16,000	16,700	14,800	19,000	21,700	23,700	11,400	18,500	11,400	20,000	15,500	11,900	17,000
CLINICAL PSYCHOLOGY	15,000	13,700	15,100	13,500	17,300	17,400	13,000	15,500	------	15,500	------	15,000	16,000
COUNSELING PSYCHOLOGY	14,700	15,000	------	14,900	16,800	16,700	12,600	15,000	------	13,500	------	------	15,200
DEVELOPMENTAL PSYCHOLOGY	13,600	15,000	15,000	14,500	18,100	19,100	12,000	14,500	------	------	------	------	------
EDUCATIONAL PSYCHOLOGY	15,100	15,000	15,000	16,500	18,100	19,600	13,000	15,000	------	16,000	------	16,300	15,800
ENGINEERING PSYCHOLOGY	19,200	17,800	------	17,700	22,400	22,500	------	------	------	------	------	------	------
ORGANIZATION AND PERSONNEL PSYCHOLOGY	19,500	17,600	15,700	17,600	21,000	21,400	14,000	17,000	------	21,500	------	------	22,200
PERSONALITY	16,000	15,000	15,000	------	19,000	------	12,900	15,000	------	------	------	------	------
SCHOOL PSYCHOLOGY	16,000	13,600	------	13,600	17,000	------	13,500	15,000	------	14,500	------	15,000	13,900
COMMUNITY PSYCHOLOGY	16,700	15,600	------	16,500	19,000	18,000	12,500	------	------	15,100	------	------	------
EXPERIMENTAL, COMPARATIVE AND PHYSIOLOGICAL PSYCHOLOGY	13,900	15,000	15,000	15,800	20,000	20,000	12,000	14,100	------	------	------	------	------
PSYCHOMETRICS	15,800	16,000	15,800	15,900	19,500	19,000	12,500	16,000	------	------	------	------	------
SOCIAL PSYCHOLOGY	13,800	14,400	14,000	15,700	19,500	20,500	12,000	13,500	------	------	------	------	------
PSYCHOLOGY, OTHER	16,500	16,000	16,500	16,100	21,000	22,000	12,000	14,000	------	16,300	------	14,800	------
STATISTICS	16,300	16,500	16,000	16,600	20,900	21,000	13,000	16,200	15,000	17,200	14,700	15,000	16,300
GENERAL ECONOMICS - THEORY - HISTORY - SYSTEMS	16,000	15,900	15,600	15,900	20,800	------	13,000	15,000	------	------	------	------	------
ECONOMIC GROWTH AND DEVELOPMENT	18,000	18,000	15,000	18,000	24,000	24,500	13,900	18,000	------	20,000	19,000	------	------
ECONOMIC STATISTICS	15,000	16,500	16,000	16,500	23,100	23,100	13,100	16,000	------	------	------	------	------
MONETARY AND FISCAL THEORY AND INSTITUTIONS	17,000	18,000	16,000	18,500	24,000	25,000	13,500	15,600	------	19,000	18,500	23,000	------
INTERNATIONAL ECONOMICS	17,500	16,900	15,000	19,000	24,000	25,200	13,500	------	------	------	18,000	------	------
BUSINESS ORGANIZATION - FINANCE - MARKETING - ACCOUNTING	17,500	16,200	15,000	16,500	22,000	22,000	15,000	17,600	16,700	20,000	16,800	17,500	17,500
INDUSTRIAL ORGANIZATION	18,000	18,000	16,000	19,500	23,900	23,300	14,500	16,000	------	24,000	16,300	------	------
AGRICULTURE - NATURAL RESOURCES	17,200	16,000	15,000	16,200	21,500	22,000	14,700	16,600	15,900	17,500	16,000	18,300	17,300
MANPOWER - LABOR - POPULATION	16,900	16,400	16,500	16,200	21,000	20,400	14,500	16,000	------	------	------	------	------
WELFARE PROGRAMS - CONSUMER ECONOMICS - URBAN AND REGIONAL ECONOMICS	16,300	15,700	15,500	15,800	20,300	21,500	12,500	16,600	------	18,000	16,000	------	------
ECONOMICS, OTHER	16,700	15,000	------	15,000	21,000	21,600	12,000	13,000	15,800	20,000	17,400	15,900	15,800
SOCIO-CULTURAL THEORY	11,800	14,200	14,200	------	18,500	------	11,500	11,500	------	------	------	------	------
METHODOLOGY - SOCIOLOGY	13,000	13,000	13,900	12,800	17,000	17,000	12,000	14,700	------	------	------	------	------
DEMOGRAPHY AND POPULATION	14,700	15,100	15,100	16,000	21,000	22,200	12,500	------	------	------	------	------	------
RURAL-URBAN SOCIOLOGY	13,800	16,000	14,000	14,500	18,000	18,000	12,000	13,500	------	------	------	------	------
SOCIAL CHANGE AND DEVELOPMENT	14,000	15,000	14,000	15,300	17,000	17,000	12,600	13,700	------	------	------	------	------
SOCIAL ORGANIZATION, STRUCTURE, AND INSTITUTIONS	13,000	15,000	14,800	15,000	17,800	18,000	12,900	13,900	------	------	------	12,000	15,000
SOCIAL PROBLEMS, SOCIAL DISORGANIZATION	12,100	13,400	13,400	12,400	16,000	18,000	12,000	13,000	------	------	------	------	------
SOCIOLOGY, OTHER	12,300	13,800	------	------	13,900	------	12,000	------	------	------	------	------	------
POLITICAL THEORY	12,200	12,800	------	------	16,100	------	12,000	12,300	------	------	------	------	------
METHODOLOGY - POLITICAL SCIENCE	12,900	16,700	------	------	17,500	17,500	11,400	------	------	------	------	------	------
PUBLIC POLICY - FORMATION AND IMPACTS	15,200	15,000	------	17,000	23,400	23,400	13,000	13,400	------	------	------	------	------
PUBLIC ADMINISTRATION	17,000	15,000	------	------	20,000	21,500	13,500	18,000	------	17,000	------	16,300	------
POLITICAL STABILITY, INSTABILITY AND CHANGE	12,500	13,400	------	------	------	------	12,200	------	------	------	------	------	------
FOREIGN AND CROSS-NATIONAL POLITICAL INSTITUTIONS AND BEHAVIOR	12,200	12,700	12,400	------	20,000	23,000	11,700	12,000	------	------	------	------	------
U.S. POLITICAL INSTITUTIONS, PROCESSES AND BEHAVIOR	12,700	12,600	16,000	11,600	19,000	19,000	11,500	13,700	------	------	------	------	15,000
INTERNATIONAL LAW, ORGANIZATION AND POLITICS	13,000	16,000	16,000	------	18,300	------	12,600	13,500	------	------	------	------	------
POLITICAL SCIENCE, OTHER	13,200	------	------	------	19,000	------	12,000	11,900	------	------	------	------	------

TABLE A-55. MEDIAN ANNUAL SALARIES OF SCIENTISTS, BY SUBFIELD AND PRIMARY WORK ACTIVITY, 1970--CONTINUED

SCIENTIFIC AND TECHNICAL SUBFIELD	TOTAL	PRIMARY WORK ACTIVITY											NO REPORT OF WORK ACTIVITY
		RESEARCH AND DEVELOPMENT			MANAGEMENT OR ADMINISTRATION		TEACHING		PRODUCTION AND INSPECTION	CONSULTING	EXPLORATION, FORECASTING, REPORTING	OTHER	
		TOTAL (A)	BASIC RESEARCH	APPLIED RESEARCH	TOTAL (B)	OF R&D	ACADEMIC YEAR	CALENDAR YEAR					
ARCHEOLOGY/PREHISTORY -	13,600	13,200	13,200	------	18,500	------	13,200	14,000	------	------	------	------	------
LINGUISTIC ANTHROPOLOGY/ANTHROPOLOGICAL LINGUISTICS - - - - -	13,600	------	------	------	------	------	------	------	------	------	------	------	------
BIOLOGICAL/PHYSICAL ANTHROPOLOGY - - - - -	15,000	20,000	17,400	------	------	------	12,500	------	------	------	------	------	------
CULTURAL/SOCIAL ANTHROPOLOGY, ETHNOLOGY - - - - - -	15,000	16,000	16,000	------	20,000	21,000	13,800	13,800	------	------	------	------	------
ANTHROPOLOGY, OTHER - -	13,500	------	------	------	------	------	12,100	------	------	------	------	------	------
APPLICATIONS TO LANGUAGE TEACHING - - - - - - -	12,000	------	------	------	15,600	------	11,900	11,300	------	------	------	------	------
DESCRIPTIVE LINGUISTICS	12,000	11,700	12,000	------	------	------	12,000	12,200	------	------	------	------	------
GENERAL LINGUISTICS - -	12,500	------	------	------	------	------	12,500	------	------	------	------	------	------
HISTORICAL AND COMPARATIVE LINGUISTICS - - - - -	13,800	14,000	------	------	------	------	13,900	12,000	------	------	------	------	------
LANGUAGE IN RELATION TO OTHER FIELDS - - - - -	13,000	------	------	------	------	------	12,500	------	------	------	------	------	------
LANGUAGE POLICIES - - -	------	------	------	------	------	------	------	------	------	------	------	------	------
LITERACY AND WRITING SYSTEMS - - - - - - -	------	------	------	------	------	------	------	------	------	------	------	------	------
MECHANIZED APPLICATIONS	------	------	------	------	------	------	------	------	------	------	------	------	------
PHONETICS - - - - - - -	13,500	------	------	------	------	------	------	------	------	------	------	------	------
LINGUISTICS, OTHER - - -	12,200	------	------	------	19,900	------	12,000	11,800	------	------	------	------	------
OTHER SPECIALTIES - - -	16,300	15,000	14,000	15,900	20,000	21,600	12,000	15,000	14,000	18,500	13,200	13,000	15,400

(A) INCLUDES DEVELOPMENT AND DESIGN.
(B) INCLUDES MANAGEMENT AND ADMINISTRATION OF OTHER THAN RESEARCH AND DEVELOPMENT.

NOTE - ALL MEDIAN SALARIES WERE COMPUTED ONLY FOR FULL-TIME EMPLOYED CIVILIAN SCIENTISTS. NO MEDIAN WAS COMPUTED FOR GROUPS WITH FEWER THAN 25 REGISTRANTS REPORTING SALARY.

SOURCE - NATIONAL REGISTER OF SCIENTIFIC AND TECHNICAL PERSONNEL, 1970.

TABLE A-56. MEDIAN ANNUAL SALARIES OF SCIENTISTS, BY SUBFIELD AND AGE, 1970

SCIENTIFIC AND TECHNICAL SUBFIELD	TOTAL	AGE											NO REPORT OF AGE
		24 AND UNDER	25-29	30-34	35-39	40-44	45-49	50-54	55-59	60-64	65-69	70 AND OVER	
ALL SUBFIELDS	15,000	8,700	10,800	13,000	15,000	16,800	18,000	18,500	18,500	18,300	18,000	16,000	13,500
ANALYTICAL CHEMISTRY	13,700	8,800	10,600	12,700	14,000	15,000	15,600	16,000	15,600	15,00C	15,000	------	------
INORGANIC CHEMISTRY	15,000	5,600	10,000	12,700	15,400	17,500	18,000	19,400	20,000	17,400	17,000	------	------
MACROMOLECULAR CHEMISTRY	16,500	10,000	12,000	14,800	16,500	18,000	18,500	19,100	19,000	18,800	18,500	------	------
ORGANIC CHEMISTRY	15,700	8,400	10,600	14,000	16,200	17,600	18,500	20,000	20,000	19,200	19,000	------	13,000
RELATED CHEMICAL SPECIALTIES	15,800	10,200	12,000	13,900	15,700	17,000	18,000	18,900	18,000	17,700	16,100	------	------
AGRICULTURAL CHEMISTRY	15,500	------	10,500	13,100	15,700	16,500	17,800	19,000	18,000	18,000	------	------	------
FOOD SCIENCE AND TECHNOLOGY	16,000	9,500	10,700	13,500	15,000	16,500	17,800	18,500	18,000	18,500	16,000	------	------
BIOCHEMISTRY	14,800	6,700	8,000	12,300	15,000	17,500	18,900	20,000	20,000	21,000	21,000	------	------
PHYSICAL CHEMISTRY	16,000	4,900	10,000	14,000	16,000	18,000	20,000	20,700	21,000	20,000	20,000	------	------
CHEMISTRY, OTHER	14,700	8,400	11,000	13,000	14,700	16,400	17,800	18,600	18,300	17,000	16,000	12,600	12,900
GEOCHEMISTRY	14,300	------	10,100	12,400	14,500	17,200	18,300	20,700	------	------	------	------	------
GEODESY	14,500	------	------	------	13,500	------	------	------	------	------	------	------	------
GEOLOGY	15,000	9,100	10,500	12,100	14,300	15,800	17,000	18,000	18,700	19,800	18,500	------	------
PALEONTOLOGY	13,500	------	10,000	11,200	13,000	15,000	16,000	16,800	16,500	18,000	------	------	------
SOLID-EARTH GEOPHYSICS	15,600	10,200	12,000	13,200	15,100	16,800	17,400	19,000	19,400	18,400	------	------	------
GEOGRAPHY	12,000	8,000	9,200	11,000	12,000	14,000	14,800	16,000	16,100	16,000	13,700	------	------
HYDROLOGY	15,200	------	11,200	13,100	14,000	15,200	16,900	17,400	19,000	19,000	------	------	------
OCEANOGRAPHY	14,700	------	11,000	13,000	14,400	17,000	18,000	19,800	22,000	------	------	------	------
EARTH SCIENCE, OTHER	11,600	7,000	8,100	10,800	12,600	13,500	13,000	17,400	14,600	19,000	------	------	------
MARINE SCIENCE, OTHER	17,400	------	------	------	------	------	------	------	------	------	------	------	------
ATMOSPHERIC STRUCTURE AND DYNAMICS	16,400	------	11,500	14,700	16,000	19,000	20,600	21,000	22,000	------	------	------	------
CLIMATOLOGY	15,200	------	------	12,000	13,300	15,600	17,800	17,000	16,100	------	------	------	------
WEATHER ANALYSIS AND FORECASTING	14,900	------	11,200	13,000	14,400	15,000	15,300	15,700	16,000	15,700	------	------	------
METEOROLOGICAL AREA SPECIALIZATIONS	15,600	------	11,300	13,800	14,800	15,600	16,900	17,300	19,000	16,000	------	------	------
INSTRUMENTATION AND TECHNIQUES	17,100	------	------	13,300	17,200	17,500	20,000	20,400	20,000	------	------	------	------
PLANETOLOGY	16,900	------	12,800	15,200	17,400	21,600	------	------	------	------	------	------	------
SOLAR-PLANETARY RELATIONSHIPS	17,400	------	12,000	14,700	18,000	22,100	22,200	22,500	------	------	------	------	------
ATMOSPHERIC SCIENCE, OTHER	17,000	------	------	14,600	17,500	16,100	20,000	------	------	------	------	------	------
SPACE SCIENCE, OTHER	18,000	------	------	------	------	------	------	------	------	------	------	------	------
ACOUSTICS	17,000	------	13,100	15,200	16,800	20,000	21,000	21,600	22,000	20,000	------	------	------
ATOMS AND MOLECULES	15,300	------	10,600	13,100	15,800	19,600	20,300	------	------	------	------	------	------
ELECTROMAGNETISM	17,400	------	12,500	15,500	17,400	20,000	21,200	22,600	22,000	20,000	------	------	------
ELEMENTARY PARTICLES AND FIELDS	13,100	------	10,000	12,000	15,000	18,000	21,400	25,700	------	------	------	------	------
MECHANICS	16,100	------	12,000	15,000	16,600	19,800	21,000	22,000	19,500	------	------	------	------
NUCLEI	16,000	------	10,800	12,400	16,300	19,200	22,000	22,500	22,400	------	------	------	------
OPTICS	17,200	------	12,700	15,700	18,500	20,000	21,000	20,800	20,800	19,600	------	------	------
FLUIDS	17,400	------	12,500	14,800	17,800	20,000	22,000	21,300	25,000	------	------	------	------
SOLIDS	17,100	------	12,700	15,500	17,400	20,000	21,500	21,700	22,000	24,000	------	------	------
THERMAL PHYSICS	15,300	------	11,100	13,000	15,500	20,000	21,200	18,800	------	------	------	------	------
INSTRUMENTATION	17,200	------	12,000	15,100	17,400	19,600	20,400	21,600	22,000	21,600	------	------	------
PHYSICS, OTHER	12,000	6,900	9,000	11,000	12,200	14,300	14,400	15,100	14,500	15,000	14,300	------	------
ADDITIONAL ASTRO-PHYSICAL SPECIALTIES	14,700	------	11,000	13,000	16,300	18,700	20,000	23,200	------	------	------	------	------
ALGEBRA	11,700	------	10,000	11,200	12,500	14,000	15,300	16,000	15,000	16,400	------	------	------
ANALYSIS AND FUNCTIONAL ANALYSIS	12,700	------	10,500	12,000	13,300	15,800	17,000	17,500	17,100	16,800	18,400	------	------
GEOMETRY	11,700	------	8,600	10,800	12,300	12,700	13,000	14,200	14,500	14,000	------	------	------
LOGIC	12,500	------	10,500	12,000	13,000	14,000	17,000	------	------	------	------	------	------
OPERATIONS RESEARCH	18,000	------	13,900	16,400	19,100	21,000	21,800	23,800	23,000	22,200	------	------	------
NUMBER THEORY	12,000	------	9,500	11,600	12,000	14,500	17,900	------	------	------	------	------	------
NUMERICAL ANALYSIS	15,600	------	12,600	14,400	17,100	18,000	19,000	18,400	16,800	------	------	------	------
TOPOLOGY	12,000	------	10,500	11,900	14,000	16,500	20,000	20,200	------	------	------	------	------
PROBABILITY	14,800	------	11,400	13,000	16,000	19,500	21,000	------	------	------	------	------	------
MATHEMATICS, OTHER	12,600	7,100	9,100	11,400	13,300	14,700	15,500	15,000	15,000	15,300	13,500	------	------
COMPUTING THEORY	14,300	------	11,500	14,000	18,200	18,000	------	------	------	------	------	------	------
COMPUTER NUMERICAL PROCESSING	15,500	------	12,500	14,400	17,000	18,400	19,600	19,600	------	------	------	------	------
COMPUTER NON-NUMERICAL PROCESSING	16,000	------	13,000	15,600	18,000	19,600	20,200	20,500	------	------	------	------	------
BUSINESS DATA PROCESSING	17,300	------	13,500	16,200	18,500	21,000	20,200	20,000	20,000	------	------	------	------
COMPUTER HARDWARE DESIGN	19,000	------	14,300	16,600	19,600	22,500	22,500	22,000	------	------	------	------	------
SYSTEM PROGRAMMING AND SOFTWARE DESIGN AND IMPLEMENTATION	16,400	11,900	13,200	16,000	18,000	19,800	20,000	19,400	19,500	------	------	------	------
COMPUTER SCIENCE, OTHER	16,000	10,600	12,500	15,300	17,600	19,800	21,000	20,500	20,000	------	------	------	------
AGRONOMY	15,000	------	10,200	12,800	14,500	15,000	16,200	16,100	18,000	18,500	16,900	------	------
ANIMAL HUSBANDRY	14,400	------	9,900	12,500	14,000	14,800	16,300	17,000	16,000	18,700	------	------	------
FISH AND WILDLIFE	12,000	------	8,800	10,100	11,900	13,000	14,000	15,000	17,000	16,100	------	------	------
FORESTRY	12,000	------	9,000	10,400	12,100	13,400	14,000	15,200	16,000	16,000	------	------	------
RANGE MANAGEMENT	12,000	------	9,600	10,500	12,000	13,400	15,000	15,200	16,000	------	------	------	------
HORTICULTURE	15,000	------	10,200	12,000	13,800	15,000	15,600	17,500	17,400	17,900	------	------	------
SOIL SCIENCE	14,700	------	9,600	12,300	13,800	15,000	16,300	17,400	17,900	17,800	------	------	------
AGRICULTURAL SCIENCE, OTHER	15,000	------	9,600	12,100	14,800	16,000	17,400	18,000	18,000	17,900	18,000	------	------

TABLE A-56. MEDIAN ANNUAL SALARIES OF SCIENTISTS, BY SUBFIELD AND AGE, 1970--CONTINUED

SCIENTIFIC AND TECHNICAL SUBFIELD	TOTAL	AGE											NO REPORT OF AGE
		24 AND UNDER	25-29	30-34	35-39	40-44	45-49	50-54	55-59	60-64	65-69	70 AND OVER	
ANATOMY	16,000	------	8,300	14,000	15,500	16,900	19,500	17,500	18,500	19,800	22,000	------	------
BOTANY	12,500	------	9,200	10,700	12,000	13,400	14,200	16,200	15,300	16,000	16,800	------	------
ECOLOGY	12,500	------	9,000	11,000	12,800	14,000	15,000	17,500	16,400	18,000	17,000	------	------
ENTOMOLOGY	14,400	------	9,600	12,300	14,000	15,000	15,600	17,000	17,200	18,400	17,000	------	------
GENETICS	15,000	------	8,400	12,500	14,900	16,000	18,000	19,000	18,800	18,100	------	------	------
IMMUNOLOGY	17,000	------	7,800	14,000	17,500	20,000	20,000	22,400	27,600	------	------	------	------
MICROBIOLOGY	14,300	------	9,300	11,900	14,000	16,000	16,200	17,100	18,100	17,400	18,500	------	------
NUTRITION	16,400	------	11,500	13,800	15,500	17,400	18,600	18,000	20,000	20,000	------	------	------
PATHOLOGY	25,000	------	------	14,400	22,000	25,000	25,000	26,000	30,000	27,000	28,000	------	------
PHARMACOLOGY	19,000	------	10,300	15,000	18,000	21,000	21,500	24,000	25,000	24,000	------	------	------
PHYSIOLOGY	16,400	------	9,000	12,300	16,000	18,700	20,000	21,500	23,000	22,000	22,000	------	------
PLANT PATHOLOGY	15,000	------	10,500	13,200	14,700	15,800	16,900	18,000	18,000	17,700	17,600	------	------
VIROLOGY	16,200	------	8,400	12,000	16,400	18,000	19,000	19,500	21,600	------	------	------	------
ZOOLOGY	12,300	------	8,400	10,800	11,900	13,500	15,000	16,000	16,000	17,000	17,500	------	------
BIOPHYSICS	16,500	------	11,700	13,700	16,000	18,500	20,000	21,000	20,000	22,900	------	------	------
BIOLOGY, BIOMEDICAL SCIENCES	14,000	7,000	8,200	10,600	13,600	16,000	18,500	19,500	20,000	20,000	20,000	17,000	12,000
CLINICAL PSYCHOLOGY	15,000	------	11,000	13,700	15,000	17,000	17,000	17,200	17,200	16,500	15,300	14,900	12,500
COUNSELING PSYCHOLOGY	14,200	------	10,500	12,600	13,700	14,700	15,200	16,000	16,000	16,000	16,200	------	------
DEVELOPMENTAL PSYCHOLOGY	13,600	------	10,500	12,000	14,000	15,000	16,000	15,000	15,200	15,400	------	------	------
EDUCATIONAL PSYCHOLOGY	15,100	------	11,500	13,500	15,000	16,000	16,000	16,500	16,400	16,400	15,400	------	------
ENGINEERING PSYCHOLOGY	19,200	------	13,600	15,200	17,800	20,000	22,900	21,500	------	------	------	------	------
ORGANIZATION AND PERSONNEL PSYCHOLOGY	19,500	------	13,200	15,500	18,800	20,400	21,800	21,400	21,100	21,500	------	------	------
PERSONALITY	14,000	------	10,500	11,600	13,200	14,600	17,000	17,300	------	------	------	------	------
SCHOOL PSYCHOLOGY	14,000	------	11,600	13,000	14,300	14,700	15,000	15,000	15,000	14,500	------	------	------
COMMUNITY PSYCHOLOGY	16,700	------	13,500	15,000	16,800	17,500	19,200	19,600	------	------	------	------	------
EXPERIMENTAL, COMPARATIVE AND PHYSIOLOGICAL PSYCHOLOGY	13,900	------	10,700	12,000	14,500	17,000	18,500	20,300	18,500	18,500	------	------	------
PSYCHOMETRICS	15,800	------	11,700	13,500	15,800	16,000	18,000	18,500	19,000	------	------	------	------
SOCIAL PSYCHOLOGY	13,800	------	10,700	11,500	14,000	16,000	17,500	18,800	19,200	18,000	------	------	------
PSYCHOLOGY, OTHER	14,500	------	9,100	12,500	14,000	15,800	17,000	17,000	17,000	16,300	18,500	------	------
STATISTICS	16,300	------	12,700	14,500	16,500	18,000	20,000	20,000	20,000	21,000	18,600	------	------
GENERAL ECONOMICS - THEORY HISTORY - SYSTEMS	14,000	------	11,400	12,500	13,500	16,000	17,000	17,000	17,100	16,000	16,500	------	------
ECONOMIC GROWTH AND DEVELOPMENT	18,000	------	12,000	13,500	16,900	19,200	21,400	22,000	23,000	24,500	------	------	------
ECONOMIC STATISTICS	15,000	------	12,500	13,700	15,500	17,900	18,000	21,000	20,600	------	------	------	------
MONETARY AND FISCAL THEORY AND INSTITUTIONS	17,000	------	12,300	14,600	16,500	20,000	22,000	21,900	23,300	22,600	------	------	------
INTERNATIONAL ECONOMICS	17,500	------	12,500	13,700	16,800	17,300	22,500	24,300	25,600	24,000	------	------	------
BUSINESS ORGANIZATION - FINANCE - MARKETING - ACCOUNTING	17,500	------	13,000	15,000	16,600	18,200	20,000	20,000	20,800	20,000	17,500	------	------
INDUSTRIAL ORGANIZATION	18,000	------	12,000	15,200	16,900	20,000	20,000	22,100	23,400	23,500	------	------	------
AGRICULTURE - NATURAL RESOURCES	17,200	------	12,600	14,500	16,400	17,200	19,500	19,000	20,600	20,000	21,000	------	------
MANPOWER - LABOR - POPULATION	16,900	------	12,000	13,500	15,500	16,800	20,000	20,000	20,000	19,000	------	------	------
WELFARE PROGRAMS - CONSUMER ECONOMICS - URBAN AND REGIONAL ECONOMICS	16,300	------	12,000	14,500	16,400	19,200	20,000	21,000	21,000	20,000	------	------	------
ECONOMICS, OTHER	14,700	------	9,900	12,500	15,000	16,000	17,400	19,100	17,000	18,600	16,100	------	------
SOCIO-CULTURAL THEORY	11,800	------	8,900	10,600	11,000	13,700	12,700	14,100	14,500	------	------	------	------
METHODOLOGY - SOCIOLOGY	13,000	------	10,300	12,000	13,500	17,000	16,900	18,500	------	------	------	------	------
DEMOGRAPHY AND POPULATION	14,700	------	10,000	11,500	15,000	16,500	20,000	21,600	------	------	------	------	------
RURAL-URBAN SOCIOLOGY	13,800	------	9,600	11,500	13,200	15,000	15,500	15,500	18,400	16,100	------	------	------
SOCIAL CHANGE AND DEVELOPMENT	14,000	------	10,300	11,000	13,500	15,300	17,000	19,500	18,000	------	------	------	------
SOCIAL ORGANIZATION, STRUCTURE, AND INSTITUTIONS	13,000	------	9,600	11,500	13,000	14,500	15,900	15,700	16,300	16,500	14,500	------	------
SOCIAL PROBLEMS, SOCIAL DISORGANIZATION	12,100	------	8,900	11,600	12,400	14,000	15,100	15,500	15,700	16,500	------	------	------
SOCIOLOGY, OTHER	12,300	------	8,200	11,000	11,500	15,000	15,600	16,000	------	------	------	------	------
POLITICAL THEORY	12,200	------	10,000	11,000	12,000	13,200	15,500	16,500	------	------	------	------	------
METHODOLOGY - POLITICAL SCIENCE	12,300	------	10,300	12,300	------	------	------	------	------	------	------	------	------
PUBLIC POLICY - FORMATION AND IMPACTS	15,200	------	10,700	12,300	14,500	18,500	21,000	19,500	22,000	------	------	------	------
PUBLIC ADMINISTRATION	17,000	------	10,600	13,300	15,100	18,400	20,900	20,000	21,500	22,000	------	------	------
POLITICAL STABILITY, INSTABILITY AND CHANGE	12,500	------	10,500	11,700	13,000	------	------	------	------	------	------	------	------
FOREIGN AND CROSS-NATIONAL POLITICAL INSTITUTIONS AND BEHAVIOR	12,200	------	10,000	11,000	12,500	14,000	17,700	19,000	18,000	------	------	------	------
U S POLITICAL INSTITUTIONS, PROCESSES, AND BEHAVIOR	12,700	------	9,700	11,100	13,000	15,300	17,000	17,000	15,000	19,000	19,000	------	------
INTERNATIONAL LAW, ORGANIZATION AND POLITICS	13,000	------	10,200	11,000	13,000	13,600	16,500	15,200	18,000	16,000	------	------	------
POLITICAL SCIENCE, OTHER	13,200	------	9,200	10,500	13,300	14,000	16,000	16,000	------	------	------	------	------

TABLE A-56. MEDIAN ANNUAL SALARIES OF SCIENTISTS, BY SUBFIELD AND AGE, 1970--CONTINUED

SCIENTIFIC AND TECHNICAL SUBFIELD	TOTAL	AGE											NO REPORT OF AGE
		24 AND UNDER	25-29	30-34	35-39	40-44	45-49	50-54	55-59	60-64	65-69	70 AND OVER	
ARCHEOLOGY/PREHISTORY - - -	13,400	------	------	11,500	12,500	14,000	15,600	16,500	------	------	------	------	------
LINGUISTIC ANTHROPOLOGY/ ANTHROPOLOGICAL LINGUISTICS - - - - - -	13,600	------	------	------	------	------	------	------	------	------	------	------	------
BIOLOGICAL/PHYSICAL ANTHROPOLOGY - - - - - -	15,000	------	------	------	------	------	------	------	------	------	------	------	------
CULTURAL/SOCIAL ANTHROPOLOGY, ETHNOLOGY -	15,000	------	------	11,500	12,800	14,500	17,000	18,200	18,600	20,000	------	------	------
ANTHROPOLOGY, OTHER - - -	13,500	------	------	------	------	------	------	------	------	------	------	------	------
APPLICATIONS TO LANGUAGE TEACHING - - - - - - - -	12,000	------	------	10,300	12,000	11,400	13,200	15,000	15,300	------	------	------	------
DESCRIPTIVE LINGUISTICS -	12,000	------	------	10,700	11,900	12,500	14,200	------	------	------	------	------	------
GENERAL LINGUISTICS - - -	12,500	------	------	11,400	------	------	------	------	------	------	------	------	------
HISTORICAL AND COMPARATIVE LINGUISTICS - - - - - -	13,800	------	------	11,000	11,800	14,500	------	16,000	------	------	------	------	------
LANGUAGE IN RELATION TO OTHER FIELDS - - - - -	13,000	------	------	------	12,500	14,000	------	------	------	------	------	------	------
LANGUAGE POLICIES - - - - -	------	------	------	------	------	------	------	------	------	------	------	------	------
LITERACY AND WRITING SYSTEMS - - - - - - - - -	------	------	------	------	------	------	------	------	------	------	------	------	------
MECHANIZED APPLICATIONS -	------	------	------	------	------	------	------	------	------	------	------	------	------
PHONETICS - - - - - - - - -	13,500	------	------	------	------	------	------	------	------	------	------	------	------
LINGUISTICS, OTHER - - -	12,200	------	------	10,600	12,200	14,000	14,300	------	------	------	------	------	------
OTHER SPECIALTIES - - - -	16,300	9,000	10,600	13,500	15,900	18,000	20,000	20,000	20,000	20,000	19,000	------	------

NOTE - ALL MEDIAN SALARIES WERE COMPUTED ONLY FOR FULL-TIME EMPLOYED CIVILIAN SCIENTISTS. NO MEDIAN WAS COMPUTED FOR GROUPS WITH FEWER THAN 25 REGISTRANTS REPORTING SALARY.

SOURCE - NATIONAL REGISTER OF SCIENTIFIC AND TECHNICAL PERSONNEL, 1970.

TABLE A-57. MEDIAN ANNUAL SALARIES OF SCIENTISTS, BY SUBFIELD AND YEARS OF PROFESSIONAL EXPERIENCE, 1970

SCIENTIFIC AND TECHNICAL SUBFIELD	TOTAL	YEARS OF PROFESSIONAL EXPERIENCE										NO REPORT OF YEARS OF EXPERIENCE
		1 OR LESS YEARS	2-4 YEARS	5-9 YEARS	10-14 YEARS	15-19 YEARS	20-24 YEARS	25-29 YEARS	30-34 YEARS	35-39 YEARS	40 OR MORE YEARS	
ALL SUBFIELDS	15,000	10,100	11,100	13,100	15,400	17,400	18,300	19,100	20,000	19,300	18,500	15,000
ANALYTICAL CHEMISTRY	13,700	9,700	10,600	12,100	13,900	15,000	15,500	16,000	16,000	15,500	14,300	14,000
INORGANIC CHEMISTRY	15,000	9,800	10,800	12,900	16,000	17,700	18,200	19,000	20,000	20,000	17,000	14,500
MACROMOLECULAR CHEMISTRY	16,500	11,500	12,300	14,000	16,200	18,000	18,300	19,000	19,500	18,700	18,000	17,000
ORGANIC CHEMISTRY	15,700	10,000	11,000	13,400	16,100	17,700	18,600	20,000	20,400	19,500	20,000	16,000
RELATED CHEMICAL SPECIALTIES	15,800	10,800	11,700	13,200	15,200	16,800	18,000	18,500	19,200	18,000	18,000	16,400
AGRICULTURAL CHEMISTRY	15,500	9,700	11,100	13,100	15,400	16,700	18,000	19,200	17,800	19,200	15,700	16,000
FOOD SCIENCE AND TECHNOLOGY	16,000	9,900	11,200	13,200	14,900	16,100	17,500	19,000	18,500	18,400	18,000	17,000
BIOCHEMISTRY	14,800	7,800	10,100	13,500	16,000	18,500	19,500	20,500	21,300	21,500	20,000	14,300
PHYSICAL CHEMISTRY	16,000	9,500	11,500	14,000	16,800	18,800	20,000	20,500	21,200	21,300	20,100	16,000
CHEMISTRY, OTHER	14,700	10,100	10,800	12,500	14,500	16,100	18,000	19,000	19,000	18,400	17,400	15,500
GEOCHEMISTRY	14,300	------	11,300	13,200	15,000	17,400	18,400	19,000	------	------	------	17,500
GEODESY	14,500	------	------	13,500	15,000	------	------	------	------	------	------	------
GEOLOGY	15,000	10,000	10,800	12,500	14,700	16,000	18,000	19,700	20,000	20,000	20,000	15,300
PALEONTOLOGY	13,500	------	10,500	12,000	13,600	16,000	17,000	17,000	17,000	------	------	15,000
SOLID-EARTH GEOPHYSICS	15,600	10,300	12,000	13,200	15,400	16,500	17,700	20,000	20,000	19,500	------	15,900
GEOGRAPHY	12,000	9,000	9,800	11,200	13,500	14,700	16,000	17,000	17,000	16,300	16,000	12,000
HYDROLOGY	15,200	------	11,400	13,400	14,500	16,500	16,800	19,000	19,000	20,400	20,400	15,300
OCEANOGRAPHY	14,700	10,200	11,200	13,800	15,700	17,800	18,000	19,600	23,000	------	------	15,000
EARTH SCIENCE, OTHER	11,600	7,000	7,800	10,000	12,700	14,000	14,600	19,600	19,700	------	------	13,000
MARINE SCIENCE, OTHER	17,400	------	------	------	------	------	------	------	------	------	------	------
ATMOSPHERIC STRUCTURE AND DYNAMICS	16,400	11,000	12,600	14,300	17,400	18,500	21,000	22,200	23,000	------	------	16,000
CLIMATOLOGY	15,200	------	------	12,000	14,700	17,000	17,000	18,400	------	------	------	------
WEATHER ANALYSIS AND FORECASTING	14,900	------	11,200	13,100	14,400	15,500	14,300	16,000	16,100	16,100	------	14,700
METEOROLOGICAL AREA SPECIALIZATIONS	15,600	------	11,400	13,600	15,200	15,600	16,100	18,000	18,400	------	------	15,300
INSTRUMENTATION AND TECHNIQUES	17,100	------	------	13,400	17,400	17,900	19,000	20,400	------	------	------	------
PLANETOLOGY	16,900	------	13,400	15,200	18,100	------	------	------	------	------	------	------
SOLAR-PLANETARY RELATIONSHIP	17,400	------	13,000	15,000	18,600	22,500	21,600	------	------	------	------	13,500
ATMOSPHERIC SCIENCE, OTHER	17,000	------	------	15,000	16,100	17,500	------	------	------	------	------	------
SPACE SCIENCE, OTHER	18,000	------	------	------	------	------	------	------	------	------	------	------
ACOUSTICS	17,000	------	13,100	15,000	16,500	19,800	21,000	23,500	23,000	------	21,000	15,400
ATOMS AND MOLECULES	15,300	10,500	11,600	14,500	17,600	20,000	21,000	------	------	------	------	13,000
ELECTROMAGNETISM	17,400	------	12,700	15,000	17,400	20,000	22,000	24,500	24,500	------	------	15,600
ELEMENTARY PARTICLES AND FIELDS	13,100	10,000	11,000	13,200	17,000	19,500	23,000	------	------	------	------	10,800
MECHANICS	16,100	------	12,000	15,000	17,400	20,000	21,000	21,600	22,100	------	------	13,200
NUCLEI	16,000	10,000	11,400	13,600	17,700	20,500	22,500	22,400	24,000	------	------	12,500
OPTICS	17,200	12,300	12,800	15,100	18,200	20,800	20,200	22,500	20,800	21,700	20,000	15,000
FLUIDS	17,400	11,400	13,200	15,300	18,000	20,000	22,300	22,800	23,500	------	------	16,000
SOLIDS	17,100	11,900	13,900	15,900	18,000	20,000	21,900	23,200	23,000	23,000	24,000	15,000
THERMAL PHYSICS	15,300	10,000	11,500	14,000	16,500	21,000	22,000	------	------	------	------	13,000
INSTRUMENTATION	17,200	12,000	12,400	14,700	17,000	20,000	21,000	22,500	23,500	22,500	------	15,000
PHYSICS, OTHER	12,000	8,600	9,600	11,000	12,700	14,500	15,000	15,800	16,000	15,200	15,000	11,000
ADDITIONAL ASTRO-PHYSICAL SPECIALTIES	14,700	10,800	11,500	14,000	16,200	20,000	21,000	------	------	------	------	11,700
ALGEBRA	11,700	10,500	10,500	11,300	12,300	15,600	15,500	16,000	15,000	16,800	15,400	11,000
ANALYSIS AND FUNCTIONAL ANALYSIS	12,700	10,500	11,000	12,000	13,700	16,600	18,000	18,000	19,200	15,700	18,500	12,200
GEOMETRY	11,700	------	9,500	10,300	12,300	12,700	14,400	------	14,900	15,000	------	11,000
LOGIC	12,500	------	11,000	12,200	14,000	16,000	------	------	------	------	------	11,500
OPERATIONS RESEARCH	18,000	14,600	13,500	16,000	19,000	21,000	22,100	24,000	24,000	24,000	------	17,700
NUMBER THEORY	12,000	------	10,000	11,600	11,800	15,000	------	------	------	------	------	------
NUMERICAL ANALYSIS	15,600	------	12,500	14,300	17,300	18,900	19,100	20,000	18,800	------	------	15,200
TOPOLOGY	12,000	10,500	11,000	11,900	14,400	17,700	22,000	------	------	------	------	11,700
PROBABILITY	14,800	------	11,700	13,500	17,000	19,500	20,500	------	------	------	------	13,300
MATHEMATICS, OTHER	12,600	10,000	8,700	10,700	13,000	15,400	16,200	14,600	16,900	17,300	15,300	13,000
COMPUTING THEORY	14,300	------	12,500	13,500	16,200	21,000	------	------	------	------	------	------
COMPUTER NUMERICAL PROCESSING	15,500	------	12,000	13,900	16,600	19,000	20,000	------	------	------	------	14,300
COMPUTER NON-NUMERICAL PROCESSING	16,000	------	12,500	15,000	18,000	20,000	20,600	21,400	------	------	------	14,400
BUSINESS DATA PROCESSING	17,300	------	13,000	15,500	18,800	21,000	21,900	20,400	22,000	------	------	17,500
COMPUTER HARDWARE DESIGN	19,000	------	14,000	15,700	18,400	22,000	25,000	------	------	------	------	20,000
SYSTEM PROGRAMMING AND SOFTWARE DESIGN AND IMPLEMENTATION	16,400	------	12,700	15,000	18,000	21,000	21,000	20,300	------	------	------	16,000
COMPUTER SCIENCE, OTHER	16,000	10,900	12,400	14,700	17,500	20,000	21,000	23,000	20,600	------	------	15,000
AGRONOMY	15,000	13,000	12,200	13,100	14,000	15,300	16,600	17,000	18,000	17,000	------	15,200
ANIMAL HUSBANDRY	14,400	------	11,500	13,400	14,100	15,300	17,300	15,600	18,000	------	------	15,000
FISH AND WILDLIFE	12,000	9,000	9,000	10,300	12,000	13,100	14,300	15,500	17,400	16,000	------	12,800
FORESTRY	12,000	9,000	8,500	10,300	12,000	13,200	14,700	15,900	17,300	16,100	16,000	13,000
RANGE MANAGEMENT	12,000	------	9,300	10,400	12,600	14,300	14,700	16,100	15,600	------	------	13,000
HORTICULTURE	15,000	------	12,200	13,400	14,500	15,200	17,300	17,000	17,700	17,000	------	15,000
SOIL SCIENCE	14,700	------	11,900	12,600	13,500	15,400	16,500	17,500	18,400	18,000	------	15,000
AGRICULTURAL SCIENCES, OTHER	15,000	13,000	10,200	12,500	14,800	16,300	18,000	18,000	18,300	17,800	17,900	15,400

TABLE A-57. MEDIAN ANNUAL SALARIES OF SCIENTISTS, BY SUBFIELD AND YEARS OF PROFESSIONAL EXPERIENCE, 1970--CONTINUED

SCIENTIFIC AND TECHNICAL SUBFIELD	TOTAL	YEARS OF PROFESSIONAL EXPERIENCE										NO REPORT OF YEARS OF EXPERIENCE
		1 OR LESS YEARS	2-4 YEARS	5-9 YEARS	10-14 YEARS	15-19 YEARS	20-24 YEARS	25-29 YEARS	30-34 YEARS	35-39 YEARS	40 OR MORE YEARS	
ANATOMY	16,000	------	12,000	14,500	15,000	19,000	18,500	20,000	20,200	20,800	21,500	15,700
BOTANY	12,500	10,000	10,100	11,500	12,500	14,400	15,500	17,000	16,000	18,000	16,800	13,200
ECOLOGY	12,500	10,000	9,600	11,500	12,800	15,000	16,000	17,000	19,700	19,000	------	13,300
ENTOMOLOGY	14,400	10,500	11,100	13,000	14,700	15,000	16,000	17,000	18,000	18,400	17,600	15,000
GENETICS	15,000	10,000	11,400	13,200	15,200	18,100	19,000	18,000	20,400	------	------	16,000
IMMUNOLOGY	17,000	9,600	12,500	15,000	18,000	21,000	21,000	22,000	25,000	------	------	16,000
MICROBIOLOGY	14,300	10,800	10,200	12,000	14,400	16,900	17,000	18,000	18,900	19,000	18,000	14,800
NUTRITION	16,400	12,000	13,200	14,900	16,300	18,000	19,500	20,000	20,500	21,600	------	15,000
PATHOLOGY	25,000	------	14,000	18,500	23,000	26,000	26,000	26,200	29,000	28,000	27,000	25,000
PHARMACOLOGY	19,000	11,000	14,300	16,200	20,000	21,200	23,500	25,000	27,000	24,000	------	18,300
PHYSIOLOGY	16,400	9,000	12,000	14,000	17,700	20,000	21,000	24,000	23,000	23,000	23,000	15,000
PLANT PATHOLOGY	15,000	12,000	12,600	14,000	15,000	16,800	18,000	19,500	18,000	17,500	------	16,000
VIROLOGY	16,200	8,500	10,500	13,600	18,000	18,900	19,500	21,600	------	------	------	15,000
ZOOLOGY	12,300	10,000	10,000	11,000	13,000	14,300	15,800	16,800	16,900	17,000	18,000	12,700
BIOPHYSICS	16,500	8,900	12,000	14,300	17,000	19,900	21,000	21,600	20,400	------	------	15,500
BIOLOGY, BIOMEDICAL SCIENCES	14,000	8,900	8,900	10,600	13,800	17,000	20,100	22,000	22,000	23,000	17,200	13,500
CLINICAL PSYCHOLOGY	15,000	10,800	12,500	14,200	16,000	17,600	18,000	18,300	17,000	19,000	15,900	15,000
COUNSELING PSYCHOLOGY	14,200	11,000	11,900	13,000	14,100	15,000	16,000	16,900	17,000	17,000	16,500	14,000
DEVELOPMENTAL PSYCHOLOGY	13,600	------	11,000	13,000	15,000	15,000	17,000	16,000	18,200	------	------	13,400
EDUCATIONAL PSYCHOLOGY	15,100	------	12,000	13,600	15,000	16,500	17,000	16,000	17,200	19,000	17,200	14,500
ENGINEERING PSYCHOLOGY	19,200	------	14,200	15,600	18,500	21,000	24,000	------	------	------	------	19,700
ORGANIZATION AND PERSONNEL PSYCHOLOGY	19,500	------	14,000	16,200	20,000	21,000	22,300	22,000	24,000	22,000	------	18,000
PERSONALITY	14,000	------	10,600	12,500	14,300	16,100	16,300	------	------	------	------	13,700
SCHOOL PSYCHOLOGY	14,000	10,600	11,600	13,000	14,200	15,100	15,200	15,100	15,200	15,000	15,000	14,300
COMMUNITY PSYCHOLOGY	16,700	------	14,000	15,400	17,900	18,500	21,000	------	------	------	------	16,000
EXPERIMENTAL, COMPARATIVE AND PHYSIOLOGICAL PSYCHOLOGY	13,900	10,300	11,000	13,000	16,000	18,500	20,000	20,600	21,000	------	------	13,600
PSYCHOMETRICS	15,800	------	12,700	13,700	16,000	18,000	18,400	------	------	------	------	15,600
SOCIAL PSYCHOLOGY	13,800	10,100	11,000	12,700	15,900	18,000	19,000	18,000	20,000	------	------	14,500
PSYCHOLOGY, OTHER	14,500	------	10,100	12,800	15,000	17,900	16,600	18,000	18,000	20,000	19,200	14,700
STATISTICS	16,300	13,300	12,800	14,500	17,000	19,000	20,300	20,000	22,000	21,000	21,600	15,000
GENERAL ECONOMICS - THEORY - HISTORY - SYSTEMS	14,000	11,300	12,000	13,000	14,800	16,500	18,400	18,300	17,200	------	16,000	14,300
ECONOMIC GROWTH AND DEVELOPMENT	18,000	11,400	12,200	15,500	18,600	20,200	22,000	22,500	26,000	23,000	------	20,000
ECONOMIC STATISTICS	15,000	------	12,300	15,400	17,000	20,000	19,400	------	------	------	------	15,800
MONETARY AND FISCAL THEORY AND INSTITUTIONS	17,000	11,500	12,500	14,900	17,700	22,300	22,000	23,800	23,000	26,000	------	15,600
INTERNATIONAL ECONOMICS	17,500	------	13,200	14,000	18,200	21,700	25,000	23,000	26,600	------	------	16,000
BUSINESS ORGANIZATION - FINANCE - MARKETING - ACCOUNTING	17,500	13,000	13,000	15,000	17,000	19,000	20,000	20,500	21,500	20,000	18,200	18,000
INDUSTRIAL ORGANIZATION	18,000	------	12,600	15,800	17,500	20,400	21,000	24,000	25,000	------	------	19,300
AGRICULTURE - NATURAL RESOURCES	17,200	13,000	14,000	15,500	17,400	18,100	19,000	20,500	21,100	20,000	------	18,300
MANPOWER - LABOR - POPULATION	16,900	------	12,100	15,000	16,400	19,600	20,500	20,000	22,000	20,000	------	15,900
WELFARE PROGRAMS - CONSUMER ECONOMICS - URBAN AND REGIONAL ECONOMICS	16,300	12,000	12,500	15,000	17,900	20,000	19,800	24,000	20,000	------	------	16,200
ECONOMICS, OTHER	14,700	10,000	9,900	12,500	14,800	17,700	18,300	20,600	19,000	19,200	19,000	15,000
SOCIO-CULTURAL THEORY	11,800	8,500	9,500	11,000	12,900	14,000	15,700	15,500	------	------	------	12,500
METHODOLOGY - SOCIOLOGY	13,000	10,000	11,000	12,500	16,800	17,900	17,500	------	------	------	------	12,800
DEMOGRAPHY AND POPULATION	14,700	------	10,900	13,200	16,200	17,900	------	------	------	------	------	16,500
RURAL-URBAN SOCIOLOGY	13,800	10,000	10,000	12,500	14,000	17,200	16,800	18,500	------	------	------	14,100
SOCIAL CHANGE AND DEVELOPMENT	14,000	------	10,500	12,000	14,800	18,000	18,000	------	------	------	------	14,000
SOCIAL ORGANIZATION, STRUCTURE, AND INSTITUTIONS	13,000	9,500	10,400	12,000	14,700	16,300	17,000	17,500	16,500	17,600	------	13,000
SOCIAL PROBLEMS, SOCIAL DISORGANIZATION	12,100	8,200	9,700	12,000	14,000	15,400	17,000	15,300	------	------	------	12,800
SOCIOLOGY, OTHER	12,300	------	8,300	10,500	13,000	14,800	17,300	------	------	------	------	13,000
POLITICAL THEORY	12,200	------	10,200	11,500	13,900	15,700	18,000	------	------	------	------	12,300
METHODOLOGY - POLITICAL SCIENCE	12,300	------	10,800	------	------	------	------	------	------	------	------	------
PUBLIC POLICY - FORMATION AND IMPACTS	15,200	------	11,000	13,100	17,000	20,000	20,500	------	25,000	------	------	14,800
PUBLIC ADMINISTRATION	17,000	9,300	11,200	13,600	16,900	19,500	20,500	19,200	22,000	------	------	18,000
POLITICAL STABILITY, INSTABILITY AND CHANGE	12,500	------	10,500	12,300	------	------	------	------	------	------	------	12,400
FOREIGN AND CROSS-NATIONAL POLITICAL INSTITUTIONS AND BEHAVIOR	12,200	10,000	10,500	12,000	14,000	15,900	19,500	------	22,500	------	------	13,000
U S POLITICAL INSTITUTIONS, PROCESSES AND BEHAVIOR	12,700	9,000	10,000	11,800	15,000	16,400	17,900	15,000	16,900	------	------	14,300
INTERNATIONAL LAW, ORGANIZATION AND POLITICS	13,000	10,000	10,500	12,000	13,000	15,500	17,500	18,500	18,000	15,000	------	14,300
POLITICAL SCIENCE, OTHER	13,200	------	9,600	11,300	13,300	15,800	18,500	------	------	------	------	15,600

TABLE A-57. MEDIAN ANNUAL SALARIES OF SCIENTISTS, BY SUBFIELD AND YEARS OF PROFESSIONAL EXPERIENCE, 1970--CONTINUED

SCIENTIFIC AND TECHNICAL SUBFIELD	TOTAL	YEARS OF PROFESSIONAL EXPERIENCE										NO REPORT OF YEARS OF EXPERIENCE
		1 OR LESS YEARS	2-4 YEARS	5-9 YEARS	10-14 YEARS	15-19 YEARS	20-24 YEARS	25-29 YEARS	30-34 YEARS	35-39 YEARS	40 OR MORE YEARS	
ARCHEOLOGY/PREHISTORY	13,600	------	11,000	12,400	13,500	------	------	------	------	------	------	13,600
LINGUISTIC ANTHROPOLOGY/ ANTHROPOLOGICAL LINGUISTICS	13,600	------	------	------	------	------	------	------	------	------	------	------
BIOLOGICAL/PHYSICAL ANTHROPOLOGY	15,000	------	------	------	------	------	------	------	------	------	------	------
CULTURAL/SOCIAL ANTHROPOLOGY, ETHNOLOGY	15,000	------	11,300	12,800	15,500	17,300	17,000	------	------	------	------	15,000
ANTHROPOLOGY, OTHER	13,500	------	------	------	------	------	------	------	------	------	------	------
APPLICATIONS TO LANGUAGE TEACHING	12,000	------	8,500	10,700	12,500	12,500	15,200	------	------	------	------	13,200
DESCRIPTIVE LINGUISTICS	12,000	------	10,700	11,500	12,500	------	------	------	------	------	------	12,500
GENERAL LINGUISTICS	12,500	------	------	12,900	------	------	------	------	------	------	------	------
HISTORICAL AND COMPARATIVE LINGUISTICS	13,800	------	------	11,500	13,200	------	------	------	------	------	------	13,200
LANGUAGE IN RELATION TO OTHER FIELDS	13,000	------	------	12,000	------	------	------	------	------	------	------	------
LANGUAGE POLICIES	------	------	------	------	------	------	------	------	------	------	------	------
LITERACY AND WRITING SYSTEMS	------	------	------	------	------	------	------	------	------	------	------	------
MECHANIZED APPLICATIONS	------	------	------	------	------	------	------	------	------	------	------	------
PHONETICS	13,500	------	------	------	------	------	------	------	------	------	------	------
LINGUISTICS, OTHER	12,200	------	10,500	10,800	13,500	13,200	14,300	------	------	------	------	13,000
OTHER SPECIALTIES	16,300	9,100	11,000	13,000	16,000	18,500	20,000	20,400	21,700	20,000	18,500	16,500

NOTE - ALL MEDIAN SALARIES WERE COMPUTED ONLY FOR FULL-TIME EMPLOYED CIVILIAN SCIENTISTS. NO MEDIAN WAS COMPUTED FOR GROUPS WITH FEWER THAN 25 REGISTRANTS REPORTING SALARY.

SOURCE - NATIONAL REGISTER OF SCIENTIFIC AND TECHNICAL PERSONNEL, 1970.

TABLE A-58. NUMBER OF SCIENTISTS, BY FOREIGN LANGUAGE AND FIELD, 1970

LANGUAGE	TOTAL	SCIENTIFIC AND TECHNICAL FIELD						
		CHEMISTRY	EARTH & MARINE SCIENCES	ATMOSPHERIC & SPACE SCIENCES	PHYSICS	MATHEMATICS	COMPUTER SCIENCES	AGRICULTURAL SCIENCES
INDO-EUROPEAN								
INDIC								
HINDI-URDU	1,755	380	77	17	284	150	36	34
BENGALI	216	45	14	1	47	19	3	4
GUJERATI	148	61	2	1	19	17	5	------
SINGHALESE	12	4	------	------	------	------	------	------
MARATHI	102	21	2	1	14	9	------	1
ORIYA	19	5	------	------	5	1	------	------
PANJABI	118	17	4	2	19	10	3	3
INDIC, OTHER	75	3	2	1	6	3	4	4
IRANIAN								
PERSIAN	435	67	52	4	46	30	7	15
PASHTU	22	1	4	------	4	------	2	2
KURDISH	13	2	1	------	4	2	------	------
IRANIAN, OTHER	14	3	------	------	1	------	1	------
BALTO-SLAVIC								
BALTIC (LITHUANIAN AND LETTISH)	460	200	29	6	50	23	14	10
RUSSIAN	12,702	3,594	981	84	2,852	1,274	581	200
POLISH	1,909	767	62	27	207	142	48	53
CZECH AND SLOVAK	924	285	75	20	103	52	23	42
SERBO-CROATIAN	437	112	21	6	55	23	10	8
BULGARIAN	62	14	5	------	7	------	1	3
UKRAINIAN	342	149	23	2	29	24	2	7
SLAVIC, OTHER	336	35	7	235	19	5	------	5
ROMANCE								
FRENCH	145,086	39,761	8,487	1,858	19,051	12,373	3,903	3,074
SPANISH	53,927	8,667	8,435	1,304	3,461	3,114	1,632	2,986
ITALIAN	6,355	1,724	357	126	734	459	196	107
PORTUGUESE	2,070	270	336	52	138	88	32	114
RUMANIAN	184	50	11	2	26	17	3	3
ROMANCE, OTHER	459	174	------	2	5	131	40	1
GERMANIC								
GERMAN	160,070	59,581	8,554	2,491	22,799	11,679	4,283	3,473
SWEDISH	1,467	273	110	34	174	107	36	86
DUTCH	1,602	405	119	21	284	108	36	30
NORWEGIAN	942	150	111	27	111	61	16	71
DANISH	661	115	54	8	101	36	17	22
GERMANIC, OTHER	338	36	14	6	25	30	8	2
MISCELLANEOUS INDO-EUROPEAN								
CELTIC	72	11	4	2	10	18	1	------
MODERN GREEK	1,689	469	75	31	192	127	51	9
ARMENIAN	230	72	7	2	35	20	11	------
ALBANIAN	25	7	1	------	2	1	1	------
INDO-EUROPEAN, OTHER	38	7	------	1	1	7	2	------
AFRO-ASIATIC								
SEMITIC								
ARABIC	1,218	235	199	13	102	60	16	22
HEBREW	2,208	357	50	14	365	240	127	13
AMHARIC	53	8	4	------	8	4	1	1
SEMITIC, OTHER	14	2	1	------	2	1	1	------
OTHER AFRO-ASIATIC								
BERBER	2	------	------	------	------	1	------	------
CUSHITIC	5	3	------	------	1	------	------	------
HAUSA AND AFRO-ASIATIC, OTHER	47	3	4	------	------	3	------	2
AFRICAN								
NIGER-CONGO								
SWAHILI	258	11	44	1	10	13	2	13
XHOSA AND ZULU	11	1	3	------	------	------	------	1
OTHER BANTU	23	1	2	------	1	1	------	1
AKAN (TWI AND FANTE)	20	1	5	------	2	2	1	------
IBO	18	1	------	------	2	------	------	1
YORUBA	19	------	1	------	------	2	1	------
FULA (NI)	6	1	------	------	1	------	------	------
NIGER-CONGO, OTHER	33	5	------	------	------	------	2	------
OTHER SUB-SAHARAN AFRICAN	11	------	1	------	1	2	1	------

TABLE A-58. NUMBER OF SCIENTISTS, BY FOREIGN LANGUAGE AND FIELD, 1970--CONTINUED

LANGUAGE	SCIENTIFIC AND TECHNICAL FIELD							
	BIOLOGICAL SCIENCES	PSYCHOLOGY	STATISTICS	ECONOMICS	SOCIOLOGY	POLITICAL SCIENCE	ANTHROPOLOGY	LINGUISTICS
INDO-EUROPEAN								
INDIC								
HINDI-URDU	282	54	52	128	76	106	29	50
BENGALI	41	4	8	8	13	3	2	4
GUJERATI	9	4	5	14	8	1	------	2
SINGHALESE	4	1	------	------	------	1	1	1
MARATHI	18	3	10	6	7	3	------	7
ORIYA	4	------	------	------	2	1	1	------
PANJABI	19	8	------	14	7	6	1	5
INDIC, OTHER	13	2	2	3	4	4	2	22
IRANIAN								
PERSIAN	51	24	5	43	16	37	3	29
PASHTU	2	------	------	1	------	2	1	3
KURDISH	2	1	------	------	------	------	1	------
IRANIAN, OTHER	4	1	------	2	------	------	------	2
BALTO-SLAVIC								
BALTIC (LITHUANIAN AND LETTISH)	51	29	2	14	12	12	1	7
RUSSIAN	1,225	534	119	432	166	461	39	161
POLISH	261	124	21	76	43	40	5	33
CZECH AND SLOVAK	134	46	7	42	18	49	6	22
SERBO-CROATIAN	49	21	5	34	12	33	7	41
BULGARIAN	4	5	------	3	------	7	------	13
UKRAINIAN	48	15	4	17	7	11	------	4
SLAVIC, OTHER	15	5	1	5	1	------	------	3
ROMANCE								
FRENCH	26,007	13,037	1,391	6,504	4,098	3,921	720	901
SPANISH	8,330	6,364	477	3,922	2,275	1,829	633	498
ITALIAN	998	678	53	359	211	243	35	75
PORTUGUESE	296	85	20	233	105	152	74	75
RUMANIAN	25	12	------	5	4	7	2	17
ROMANCE, OTHER	6	4	5	4	76	4	------	7
GERMANIC								
GERMAN	26,567	9,535	1,310	3,968	2,595	2,174	449	612
SWEDISH	276	98	11	116	66	41	5	34
DUTCH	249	105	10	94	50	43	16	32
NORWEGIAN	144	70	8	70	39	34	4	26
DANISH	115	60	10	44	35	21	10	13
GERMANIC, OTHER	39	98	4	12	29	10	2	23
MISCELLANEOUS INDO-EUROPEAN								
CELTIC	6	6	1	5	1	------	------	7
MODERN GREEK	224	210	14	94	83	48	10	52
ARMENIAN	37	28	1	3	5	4	------	5
ALBANIAN	3	5	------	------	1	------	------	4
INDO-EUROPEAN, OTHER	1	2	------	------	15	1	1	------
AFRO-ASIATIC								
SEMITIC								
ARABIC	179	51	18	100	50	90	30	53
HEBREW	244	384	31	107	147	76	15	38
AMHARIC	6	5	------	1	3	2	6	4
SEMITIC, OTHER	1	1	------	2	------	------	------	3
OTHER AFRO-ASIATIC								
BERBER	------	------	------	------	------	------	------	1
CUSHITIC	------	------	------	------	------	------	------	1
HAUSA AND AFRO-ASIATIC, OTHER	2	------	------	3	1	7	7	15
AFRICAN								
NIGER-CONGO								
SWAHILI	28	5	------	17	13	47	21	33
XHOSA AND ZULU	------	------	------	------	1	------	2	3
OTHER BANTU	1	------	------	------	1	3	6	6
AKAN (TWI AND FANTE)	2	------	------	------	1	------	1	5
IBO	2	------	------	1	2	4	------	5
YORUBA	5	------	------	4	2	------	2	2
FULA (NI)	1	------	------	------	------	------	2	1
NIGER-CONGO, OTHER	2	------	------	1	2	4	5	12
OTHER SUB-SAHARAN AFRICAN	------	------	------	------	2	------	3	1

TABLE A-58. NUMBER OF SCIENTISTS, BY FOREIGN LANGUAGE AND FIELD, 1970--CONTINUED

LANGUAGE	TOTAL	SCIENTIFIC AND TECHNICAL FIELD						
		CHEMISTRY	EARTH & MARINE SCIENCES	ATMOSPHERIC & SPACE SCIENCES	PHYSICS	MATHEMATICS	COMPUTER SCIENCES	AGRICULTURAL SCIENCES
URALIC-ALTAIC								
OSMANLI TURKISH (ISTANBUL AND ANATOLIAN)	409	73	60	13	59	31	1	12
OTHER TURKIC	25	------	1	------	2	3	1	------
MONGOLIAN	6	------	------	------	------	------	------	------
OTHER ALTAIC	8	6	1	------	------	------	------	1
HUNGARIAN	1,215	442	61	16	142	63	56	19
FINNISH	451	111	44	10	36	20	15	57
ESTONIAN AND OTHER BALTO-FINNIC	117	40	6	2	24	6	5	3
URALIC, OTHER	11	1	1	------	1	1	------	------
EAST ASIAN								
SINO-TIBETAN								
MANDARIN OR PEKING CHINESE	3,339	1,033	96	67	835	216	113	30
OTHER CHINESE	472	59	56	10	29	73	31	5
THAI-LAO	248	15	11	19	12	16	12	12
BURMESE	67	7	3	1	3	2	------	------
TIBETAN	6	2	1	------	------	------	------	------
VIETNAMESE	213	29	12	10	28	22	10	21
CAMBODIAN (KHMER)	11	2	1	------	------	------	------	------
SOUTHEAST ASIAN, OTHER	29	------	1	------	------	------	------	1
OTHER EAST ASIAN								
JAPANESE	3,720	850	206	172	683	218	125	100
KOREAN	723	153	23	12	126	61	19	20
MALAYO-POLYNESIAN								
INDONESIAN								
MALAY AND BAHASA INDONESIA	369	44	73	1	31	11	4	15
JAVANESE	5	------	------	------	------	------	------	------
SUDANESE	2	1	------	------	------	------	1	------
MADURESE	2	------	------	------	------	------	------	------
TAGALOG	190	62	5	13	13	8	2	4
VISAYAN	15	3	------	1	1	1	------	1
ILOCANO	15	------	1	------	1	------	------	------
MALAGASY	3	------	------	------	------	------	1	------
INDONESIAN, OTHER	76	5	1	3	8	6	3	2
OTHER MALAYO-POLYNESIAN								
POLYNESIAN	71	6	8	------	2	2	------	6
MELANESIAN	15	1	3	------	1	------	------	1
MICRONESIAN	28	------	1	------	1	------	------	------
DRAVIDIAN								
TAMIL	154	25	6	3	37	19	3	1
TELUGU	87	13	1	------	26	15	1	1
MALAYALAM	90	25	2	------	26	5	1	2
KANNADA	72	19	2	------	13	5	1	------
DRAVIDIAN, OTHER	23	1	1	1	2	1	1	1
AMERICAN INDIAN								
NORTH AMERICAN								
NAVAHO	78	1	4	1	1	1	1	6
NORTH AMERICAN INDIAN, OTHER	103	1	2	1	------	1	------	5
CENTRAL AMERICAN - TOTAL INCLUDING UTO-AZTECAN	36	1	------	------	------	------	------	1
SOUTH AMERICAN								
GUARANI	1	------	------	------	------	------	------	------
QUECHUA	17	1	2	------	------	------	------	------
SOUTH AMERICAN INDIAN, OTHER	15	------	1	------	------	------	------	------
CAUCASIAN								
GEORGIAN	10	------	------	------	------	------	------	------
CAUCASIAN, OTHER	3	2	------	------	------	1	------	------
MISCELLANEOUS								
PAPUAN-AUSTRALIAN	23	1	------	------	------	2	1	------
CREOLES AND PIDGINS	76	3	6	------	7	2	------	3
OTHER LANGUAGES NOT INCLUDED IN ANY OF THE ABOVE CATEGORIES	502	62	10	4	99	15	18	57

NOTE - THESE DATA ARE BASED ON A MAXIMUM OF TWO FOREIGN LANGUAGES REPORTED BY 250,293 OF THE 312,444 TOTAL REGISTRANTS.

SOURCE - NATIONAL REGISTER OF SCIENTIFIC AND TECHNICAL PERSONNEL, 1970.

TABLE A-58. NUMBER OF SCIENTISTS, BY FOREIGN LANGUAGE AND FIELD, 1970--CONTINUED

LANGUAGE	SCIENTIFIC AND TECHNICAL FIELD							
	BIOLOGICAL SCIENCES	PSYCHOLOGY	STATISTICS	ECONOMICS	SOCIOLOGY	POLITICAL SCIENCE	ANTHROPOLOGY	LINGUISTICS
URALIC-ALTAIC								
OSMANLI TURKISH (ISTANBUL AND ANATOLIAN) - - - - - - - - -	35	21	2	33	14	16	6	33
OTHER TURKIC - - - - - - - - - -	4	------	------	------	------	10	1	3
MONGOLIAN - - - - - - - - - - -	------	------	------	------	------	------	1	3
OTHER ALTAIC - - - - - - - - - -	2	------	------	------	------	------	------	------
HUNGARIAN - - - - - - - - - - -	197	76	15	60	23	39	7	26
FINNISH - - - - - - - - - - - -	46	31	5	23	16	15	3	19
ESTONIAN AND OTHER BALTO-FINNIC -	12	5	1	2	1	1	------	9
URALIC, OTHER - - - - - - - - - -	4	------	------	------	------	------	------	3
EAST ASIAN								
SINO-TIBETAN								
MANDARIN OR PEKING CHINESE - - -	368	67	48	169	80	158	13	72
OTHER CHINESE - - - - - - - - -	135	23	12	7	16	7	2	10
THAI-LAO - - - - - - - - - - - -	33	13	1	18	11	22	18	37
BURMESE - - - - - - - - - - - -	4	------	1	2	1	9	6	10
TIBETAN - - - - - - - - - - - -	------	------	------	------	------	------	------	3
VIETNAMESE - - - - - - - - - - -	17	10	------	5	7	26	------	18
CAMBODIAN (KHMER) - - - - - - -	2	------	------	------	2	------	1	3
SOUTHEAST ASIAN, OTHER - - - - -	2	3	------	------	3	5	2	12
OTHER EAST ASIAN								
JAPANESE - - - - - - - - - - - -	740	188	51	190	104	176	62	82
KOREAN - - - - - - - - - - - - -	105	26	13	71	25	56	4	14
MALAYO-POLYNESIAN								
INDONESIAN								
MALAY AND BAHASA INDONESIA - - -	48	10	------	31	14	52	16	19
JAVANESE - - - - - - - - - - - -	------	------	------	1	------	------	1	3
SUNDANESE - - - - - - - - - - -	------	------	------	------	------	------	------	------
MADURESE - - - - - - - - - - - -	1	------	------	------	------	------	------	1
TAGALOG - - - - - - - - - - - -	27	15	3	7	8	13	2	15
VISAYAN - - - - - - - - - - - -	------	1	------	1	1	------	2	3
ILOCANO - - - - - - - - - - - -	2	2	------	1	1	2	4	1
MALAGASY - - - - - - - - - - - -	1	------	------	------	------	------	1	------
INDONESIAN, OTHER - - - - - - -	18	5	------	2	5	2	3	13
OTHER MALAYO-POLYNESIAN								
POLYNESIAN - - - - - - - - - - -	8	8	------	------	5	1	20	6
MELANESIAN - - - - - - - - - - -	2	------	------	------	------	1	2	4
MICRONESIAN - - - - - - - - - -	1	------	------	1	1	1	15	5
DRAVIDIAN								
TAMIL - - - - - - - - - - - - - -	24	2	6	12	7	5	3	3
TELUGU - - - - - - - - - - - - -	7	------	4	9	4	2	2	4
MALAYALAM - - - - - - - - - - -	12	3	3	3	5	1	1	3
KANNADA - - - - - - - - - - - -	12	2	4	3	3	2	1	3
DRAVIDIAN, OTHER - - - - - - - -	7	1	------	------	2	------	3	2
AMERICAN INDIAN								
NORTH AMERICAN								
NAVAHO - - - - - - - - - - - - -	2	2	------	1	------	------	4	4
NORTH AMERICAN INDIAN, OTHER - -	6	18	------	12	------	16	5	38
CENTRAL AMERICAN - TOTAL INCLUDING UTO-AZTECAN - - - - - - - - -	1	------	------	------	1	------	7	25
SOUTH AMERICAN								
GUARANI - - - - - - - - - - - -	------	------	------	------	------	------	------	1
QUECHUA - - - - - - - - - - - -	------	------	------	------	1	------	5	8
SOUTH AMERICAN INDIAN, OTHER - -	1	------	------	------	2	------	2	13
CAUCASIAN								
GEORGIAN - - - - - - - - - - - -	------	8	------	------	------	------	------	1
CAUCASIAN, OTHER - - - - - - - -	------	------	------	------	------	------	------	------
MISCELLANEOUS								
PAPUAN-AUSTRALIAN - - - - - - -	1	------	------	1	------	2	8	7
CREOLES AND PIDGINS - - - - - - -	8	3	------	1	3	2	22	21
OTHER LANGUAGES NOT INCLUDED IN ANY OF THE ABOVE CATEGORIES - -	137	148	2	15	2	19	9	23

TABLE A-[illegible].--NUMBERS AND MEDIAN ANNUAL SALARIES OF SCIENTISTS, BY FIELD AND SEX, 1970

SCIENTIFIC AND TECHNICAL FIELD	TOTAL		SEX			
			MALE		FEMALE	
	NUMBER	MEDIAN SALARY	NUMBER	MEDIAN SALARY	NUMBER	MEDIAN SALARY
ALL FIELDS	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
CHEMISTRY	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
EARTH & MARINE SCIENCES	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
ATMOSPHERIC & SPACE SCIENCES	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
PHYSICS	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
MATHEMATICS	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
COMPUTER SCIENCES	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
AGRICULTURAL SCIENCES	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
BIOLOGICAL SCIENCES	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
PSYCHOLOGY	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
STATISTICS	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
ECONOMICS	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
SOCIOLOGY	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
POLITICAL SCIENCE	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
ANTHROPOLOGY	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
LINGUISTICS	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]

NOTE - NO MEDIAN WAS COMPUTED FOR GROUPS WITH FEWER THAN 25 RESPONDENTS REPORTING SALARY.

SOURCE - NATIONAL REGISTER OF SCIENTIFIC AND TECHNICAL PERSONNEL, 1970.

TABLE A-[illegible]. NUMBER OF WOMEN SCIENTISTS, BY FIELD AND HIGHEST DEGREE, 1970

SCIENTIFIC AND TECHNICAL FIELD	TOTAL	HIGHEST DEGREE				LESS THAN BACHELOR'S DEGREE	NO REPORT OF DEGREE
		DOCTORATE	PROFESSIONAL MEDICAL	MASTER'S	BACHELOR'S		
ALL FIELDS	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
CHEMISTRY	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
EARTH & MARINE SCIENCES	[illegible]	[illegible]	—	[illegible]	[illegible]	[illegible]	[illegible]
ATMOSPHERIC & SPACE SCIENCES	[illegible]	[illegible]	—	[illegible]	[illegible]	[illegible]	[illegible]
PHYSICS	[illegible]	[illegible]	—	[illegible]	[illegible]	—	[illegible]
MATHEMATICS	[illegible]	[illegible]	—	[illegible]	[illegible]	—	—
COMPUTER SCIENCES	[illegible]	[illegible]	—	[illegible]	[illegible]	—	[illegible]
AGRICULTURAL SCIENCES	[illegible]	[illegible]	—	[illegible]	[illegible]	—	[illegible]
BIOLOGICAL SCIENCES	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
PSYCHOLOGY	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	—	[illegible]
STATISTICS	[illegible]	[illegible]	—	[illegible]	[illegible]	—	—
ECONOMICS	[illegible]	[illegible]	—	[illegible]	[illegible]	[illegible]	[illegible]
SOCIOLOGY	[illegible]	[illegible]	—	[illegible]	[illegible]	—	[illegible]
POLITICAL SCIENCE	[illegible]	[illegible]	—	[illegible]	[illegible]	—	—
ANTHROPOLOGY	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	—	[illegible]
LINGUISTICS	[illegible]	[illegible]	—	[illegible]	[illegible]	—	[illegible]

SOURCE - NATIONAL REGISTER OF SCIENTIFIC AND TECHNICAL PERSONNEL, 1970.

TABLE A-[illegible]. NUMBER OF WOMEN SCIENTISTS, BY FIELD AND TYPE OF EMPLOYER, 1970

SCIENTIFIC AND TECHNICAL FIELD	TOTAL	TYPE OF EMPLOYER								NOT EMPLOYED	NO REPORT OF TYPE OF EMPLOYER
		EDUCATIONAL INSTITUTIONS	FEDERAL GOVERNMENT	OTHER GOVERNMENT	NONPROFIT ORGANIZATIONS	INDUSTRY AND BUSINESS	SELF-EMPLOYED	MILITARY	OTHER		
ALL FIELDS	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
CHEMISTRY	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
EARTH & MARINE SCIENCES	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
ATMOSPHERIC & SPACE SCIENCES	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	—	[illegible]	—	[illegible]	[illegible]
PHYSICS	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
MATHEMATICS	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
COMPUTER SCIENCES	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	—
AGRICULTURAL SCIENCES	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	—	—	[illegible]	—
BIOLOGICAL SCIENCES	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
PSYCHOLOGY	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
STATISTICS	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
ECONOMICS	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
SOCIOLOGY	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
POLITICAL SCIENCE	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	—	[illegible]	[illegible]	[illegible]
ANTHROPOLOGY	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	—	[illegible]	[illegible]	—
LINGUISTICS	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	—	[illegible]	[illegible]	[illegible]

SOURCE - NATIONAL REGISTER OF SCIENTIFIC AND TECHNICAL PERSONNEL, 1970.

TABLE B-65. MEDIAN ANNUAL SALARIES OF WOMEN SCIENTISTS, BY FIELD AND TYPE OF EMPLOYER, 1970

SCIENTIFIC AND TECHNICAL FIELD	TOTAL	TYPE OF EMPLOYER								NO REPORT OF TYPE OF EMPLOYER
		EDUCATIONAL INSTITUTIONS		FEDERAL GOVERN-MENT	OTHER GOVERN-MENT	NONPROFIT ORGANIZA-TIONS	INDUSTRY AND BUSINESS	SELF-EMPLOYED	OTHER	
		ACADEMIC YEAR	CALENDAR YEAR							
ALL FIELDS	11,600	11,000	12,300	14,300	12,000	11,500	12,000	15,000	10,500	13,300
CHEMISTRY	10,500	10,000	8,400	13,100	10,000	10,000	11,000	------	10,000	------
EARTH & MARINE SCIENCES	10,500	10,200	10,100	13,100	9,400	------	10,200	------	------	------
ATMOSPHERIC & SPACE SCIENCES	13,000	------	------	13,600	------	------	------	------	------	------
PHYSICS	12,000	10,500	11,100	15,400	------	13,000	14,000	------	------	------
MATHEMATICS	10,000	10,000	10,300	14,700	------	------	13,800	------	------	------
COMPUTER SCIENCES	13,700	------	12,500	14,600	------	12,500	13,500	------	------	------
AGRICULTURAL SCIENCES	9,400	------	------	------	------	------	------	------	------	------
BIOLOGICAL SCIENCES	11,000	11,000	12,600	14,000	11,600	10,800	11,900	12,000	10,300	------
PSYCHOLOGY	13,000	12,000	13,800	16,000	13,300	13,000	13,800	17,000	------	------
STATISTICS	14,000	12,400	13,000	16,900	------	------	14,500	------	------	------
ECONOMICS	13,400	12,900	13,100	17,400	14,500	15,100	13,000	------	------	------
SOCIOLOGY	11,000	10,600	12,300	14,000	11,000	11,500	------	------	------	------
POLITICAL SCIENCE	11,000	10,500	11,600	13,500	------	------	------	------	------	------
ANTHROPOLOGY	12,800	12,000	13,000	------	------	------	------	------	------	------
LINGUISTICS	11,900	11,400	11,600	------	------	------	------	------	------	------

TABLE B-66. MEDIAN ANNUAL SALARIES OF WOMEN SCIENTISTS, BY FIELD AND PRIMARY WORK ACTIVITY, 1970

SCIENTIFIC AND TECHNICAL FIELD	TOTAL	PRIMARY WORK ACTIVITY											NO REPORT OF WORK ACTIVITY
		RESEARCH AND DEVELOPMENT			MANAGEMENT OR ADMINISTRATION		TEACHING		PRO-DUCTION AND INSPEC-TION	CON-SULTING	EXPLORA-TION, FORE-CASTING, REPORTING	OTHER	
		TOTAL (1)	BASIC RESEARCH	APPLIED RESEARCH	TOTAL (2)	OF R&D	ACADEMIC YEAR	CALENDAR YEAR					
ALL FIELDS	11,600	12,000	11,000	12,700	15,000	16,000	10,900	12,000	10,900	13,000	12,000	11,300	12,400
CHEMISTRY	10,500	11,400	9,700	11,400	14,000	15,000	12,000	10,400	10,200	12,000	10,800	10,600	10,500
EARTH & MARINE SCIENCES	10,500	11,500	11,400	11,500	15,000	------	10,000	------	------	------	10,800	------	------
ATMOSPHERIC & SPACE SCIENCES	13,000	------	------	------	------	------	------	------	------	------	------	------	------
PHYSICS	12,000	13,400	13,600	14,100	15,200	------	10,000	------	------	------	12,000	------	------
MATHEMATICS	10,000	13,800	13,300	14,200	15,900	16,500	9,400	10,000	------	14,000	12,700	13,500	11,000
COMPUTER SCIENCES	13,700	13,700	------	13,100	16,900	16,900	------	------	------	14,400	12,200	13,500	------
AGRICULTURAL SCIENCES	9,400	------	------	------	------	------	------	------	------	------	------	------	------
BIOLOGICAL SCIENCES	11,000	11,400	11,400	12,100	13,700	15,900	10,900	13,200	------	10,000	11,900	10,300	13,000
PSYCHOLOGY	13,000	13,300	13,000	13,000	15,900	15,800	11,700	13,400	------	13,300	------	14,000	13,900
STATISTICS	14,000	15,000	------	15,000	16,900	------	------	------	------	------	13,500	------	------
ECONOMICS	13,400	15,000	15,000	15,100	18,000	21,500	12,000	12,000	------	------	13,400	------	------
SOCIOLOGY	11,000	12,000	12,200	11,500	13,800	16,500	10,500	11,000	------	------	------	------	------
POLITICAL SCIENCE	11,000	12,000	------	------	15,100	------	10,500	11,000	------	------	------	------	------
ANTHROPOLOGY	12,800	12,000	12,000	------	------	------	12,300	13,000	------	------	------	------	------
LINGUISTICS	11,900	11,000	------	------	------	------	11,900	11,900	------	------	------	------	------

(1)INCLUDES DEVELOPMENT OR DESIGN.
(2)INCLUDES MANAGEMENT OR ADMINISTRATION OF OTHER THAN RESEARCH AND DEVELOPMENT.

TABLE B-67. MEDIAN ANNUAL SALARIES OF WOMEN SCIENTISTS, BY FIELD AND YEARS OF PROFESSIONAL EXPERIENCE, 1970

SCIENTIFIC AND TECHNICAL FIELD	TOTAL	YEARS OF PROFESSIONAL EXPERIENCE										NO REPORT OF YEARS OF EXPERIENCE
		1 OR LESS YEARS	2-4 YEARS	5-9 YEARS	10-14 YEARS	15-19 YEARS	20-24 YEARS	25-29 YEARS	30-34 YEARS	35-39 YEARS	40 OR MORE YEARS	
ALL FIELDS	11,600	8,900	9,600	11,000	12,300	13,500	14,000	14,300	14,700	14,500	14,000	11,600
CHEMISTRY	10,500	8,300	9,100	10,300	11,900	12,600	13,500	13,200	13,300	13,100	14,000	10,600
EARTH & MARINE SCIENCES	10,500	7,800	8,500	10,000	11,600	12,700	12,700	13,500	14,900	------	------	11,000
ATMOSPHERIC & SPACE SCIENCES	13,000	------	------	------	------	------	------	------	------	------	------	------
PHYSICS	12,000	9,000	10,300	10,800	13,500	15,200	16,200	16,200	------	------	------	11,200
MATHEMATICS	10,000	------	8,500	9,800	10,600	11,300	13,000	12,600	11,700	12,200	11,200	9,600
COMPUTER SCIENCES	13,700	------	11,900	13,100	15,000	16,000	17,000	18,000	------	------	------	12,600
AGRICULTURAL SCIENCES	9,400	------	------	------	------	------	------	------	------	------	------	------
BIOLOGICAL SCIENCES	11,000	8,300	8,900	10,000	11,900	13,000	13,800	14,000	15,000	14,000	13,700	11,900
PSYCHOLOGY	13,000	10,300	10,900	12,300	13,900	14,600	15,000	14,900	15,000	15,600	14,900	13,000
STATISTICS	14,000	------	12,000	12,900	15,000	------	15,300	------	------	------	------	------
ECONOMICS	13,400	------	11,000	12,000	13,600	14,000	15,300	15,700	16,000	------	------	13,500
SOCIOLOGY	11,000	8,200	9,600	11,000	12,300	14,000	14,500	14,000	------	------	------	11,500
POLITICAL SCIENCE	11,000	8,200	10,000	11,600	12,300	13,500	------	------	------	------	------	11,400
ANTHROPOLOGY	12,800	------	------	11,900	13,900	------	------	------	------	------	------	12,400
LINGUISTICS	11,900	------	9,200	10,900	11,500	11,000	------	------	------	------	------	11,000

NOTE - ALL MEDIAN SALARIES WERE COMPUTED ONLY FOR FULL-TIME EMPLOYED CIVILIAN SCIENTISTS. NO MEDIAN WAS COMPUTED FOR GROUPS WITH FEWER THAN 25 REGISTRANTS REPORTING SALARY.

SOURCE - NATIONAL REGISTER OF SCIENTIFIC AND TECHNICAL PERSONNEL, 1970.

TABLE A-68A. NUMBER OF SCIENTISTS, BY EMPLOYMENT STATUS AND STUDENT STATUS, 1970

EMPLOYMENT STATUS	TOTAL	STUDENT STATUS			
		NON-STUDENTS	STUDENTS		
			TOTAL	FULL-TIME	PART-TIME
ALL SCIENTISTS	312,644	294,267	18,377	12,832	5,545
FULL-TIME EMPLOYED	277,036	271,108	5,928	1,821	4,107
CIVILIAN	269,918	264,311	5,607	1,678	3,929
MILITARY	7,118	6,797	321	143	178
PART-TIME EMPLOYED	18,316	9,961	8,355	7,209	1,146
NOT-EMPLOYED	12,908	9,899	3,009	2,760	249
SEEKING EMPLOYMENT	4,926	3,896	1,030	887	143
NOT SEEKING EMPLOYMENT	5,952	3,976	1,976	1,871	105
RETIRED	2,030	2,027	3	2	1
NO REPORT	4,384	3,299	1,085	1,042	43

TABLE A-68B. NUMBER OF DOCTORATE SCIENTISTS, BY EMPLOYMENT STATUS AND STUDENT STATUS, 1970

EMPLOYMENT STATUS	TOTAL	STUDENT STATUS			
		NON-STUDENTS	STUDENTS		
			TOTAL	FULL-TIME	PART-TIME
ALL SCIENTISTS	125,234	124,543	691	531	160
FULL-TIME EMPLOYED	118,828	118,593	235	137	98
CIVILIAN	117,844	117,611	233	136	97
MILITARY	984	982	2	1	1
PART-TIME EMPLOYED	2,668	2,428	240	192	48
NOT-EMPLOYED	2,648	2,484	164	152	12
SEEKING EMPLOYMENT	1,162	1,039	123	114	9
NOT SEEKING EMPLOYMENT	436	396	40	37	3
RETIRED	1,050	1,049	1	1	------
NO REPORT	1,090	1,038	52	50	2

TABLE A-68C. NUMBER OF MASTER'S DEGREE SCIENTISTS, BY EMPLOYMENT STATUS AND STUDENT STATUS, 1970

EMPLOYMENT STATUS	TOTAL	STUDENT STATUS			
		NON-STUDENTS	STUDENTS		
			TOTAL	FULL-TIME	PART-TIME
ALL SCIENTISTS	93,540	83,269	10,271	7,234	3,037
FULL-TIME EMPLOYED	76,137	73,204	2,933	834	2,099
CIVILIAN	73,557	70,734	2,823	777	2,046
MILITARY	2,580	2,470	110	57	53
PART-TIME EMPLOYED	9,889	4,776	5,113	4,338	775
NOT-EMPLOYED	5,859	4,183	1,676	1,538	138
SEEKING EMPLOYMENT	2,252	1,642	610	529	81
NOT SEEKING EMPLOYMENT	3,115	2,050	1,065	1,009	56
RETIRED	492	491	1	------	1
NO REPORT	1,655	1,106	549	524	25

TABLE A-68D. NUMBER OF BACHELOR'S DEGREE SCIENTISTS, BY EMPLOYMENT STATUS AND STUDENT STATUS, 1970

EMPLOYMENT STATUS	TOTAL	STUDENT STATUS			
		NON-STUDENTS	STUDENTS		
			TOTAL	FULL-TIME	PART-TIME
ALL SCIENTISTS	83,740	76,581	7,159	4,931	2,228
FULL-TIME EMPLOYED	72,698	70,072	2,626	825	1,801
CIVILIAN	69,994	67,536	2,458	744	1,714
MILITARY	2,704	2,536	168	81	87
PART-TIME EMPLOYED	5,418	2,485	2,933	2,619	314
NOT-EMPLOYED	4,171	3,045	1,126	1,029	97
SEEKING EMPLOYMENT	1,429	1,147	282	231	51
NOT SEEKING EMPLOYMENT	2,330	1,486	844	798	46
RETIRED	412	412	------	------	------
NO REPORT	1,453	979	474	458	16

SOURCE - NATIONAL REGISTER OF SCIENTIFIC AND TECHNICAL PERSONNEL, 1970.

APPENDIX B

Technical Notes

General Methodology

The registration of scientists was carried out as a cooperative undertaking of NSF and 13 major professional societies.[1] In each discipline the societies develop a comprehensive mailing list compiled from membership lists, lists of nonmembers attending professional meetings, publication subscription lists, and alumni organization lists. The criteria defining professional standing in each field, shown in appendix C, were established by representatives both within and outside the cooperating societies to reflect standards generally accepted in the discipline. Prior to each biennial registration, the Foundation and the societies review the questionnaire to minimize the burden on the respondent, preserve continuity of the data, and meet requirements for manpower data. At the same time, the list of scientific specializations, which accompanies the questionnaire, is reviewed to reflect current and emerging disciplines.

On February 2, 1970, questionnaires similar to that in appendix D were mailed by the societies to an estimated 592,000 individuals. Different editions of the questionnaire were used by the various societies, with similar formats but with particular items tailored specifically for the individual scientific groups.

Respondents returned 377,000 questionnaires. The societies eliminated approximately 64,000 questionnaires as duplicates or not currently qualified, so that about 313,000 scientists are included in the data in this report.

Individuals are considered eligible for inclusion in the National Register if they have "full professional standing" based on academic training and work experience. The 2,836 individuals who reported no degree were included in the data because of work experience. Appendix C shows that eligibility criteria vary among the societies; these varying standards should be kept in mind in any comparison of fields.

The 1968 respondents were mailed a special 1970 questionnaire on which was printed information previously provided. This information included date and place of birth; citizenship; sex; place of secondary school graduation; foreign-area and foreign-language knowledge; and year, level, name of institution, and major and minor subject of degrees awarded. By demonstrating to these prior respondents that their information was retrievable and need not be reported again, it was hoped to reduce the burden on the respondent and improve the response rate. A comparison of returns in 1970 shows that, while 64 percent of the mailings to qualified individuals were returned, the updated questionnaires sent to 1968 registrants resulted in an 82-percent response; and the questionnaires sent to previous nonrespondents and to individuals new to the mailing lists resulted in a 40-percent response. The higher response rate for updated questionnaires resulted, it would seem, partly from the reduced burden in completing the questionnaire, and partly from the prior conditioning of previous respondents. This updating procedure was introduced in 1968 with similar results. The proportion of respondents failing to provide any particular item on the questionnaire was generally smaller for those receiving updated questionnaires than for those receiving questionnaires with no information supplied (table B–1).

Coverage

Information is collected by the National Register on a voluntary basis from individual scientists, resulting in partial coverage of the scientific community. In 1970, 64 percent of the qualified scientists on the mailing lists compiled by the cooperating societies returned questionnaires; 17 percent of the questionnaires processed were incomplete or showed less than full professional qualifications.

To determine whether there was a bias in the characteristics of nonrespondents, a systematic sample stratified by geographic location and scientific field was developed from a list of 162,351 unduplicated non-

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[1] Cooperating societies in 1970 included the American Anthropological Association, American Chemical Society, American Economic Association, American Geological Institute, American Institute of Biological Sciences, American Institute of Physics, American Mathematical Society, American Meteorological Society, American Political Science Association, American Psychological Association, American Sociological Association, Center for Applied Linguistics, Federation of American Societies for Experimental Biology, and, through these organizations, other specialized societies.

Table B–1.—Percent of respondents not reporting characteristics to the 1970 National Register, updated vs. non-updated questionnaire

Characteristics	Percent not reporting characteristics		
	Total	Updated	Non-updated
Date of birth *	—	—	1
Place of birth *	3	3	5
Place of secondary school graduation *	5	5	7
Citizenship *	3	2	6
Highest degree *	1	—	1
Major subject of highest degree *	2	2	2
Employment status	1	1	2
Type of employer	1	1	1
Primary work activity	3	2	3
Secondary work activity	16	15	19
Federal Government support	10	10	12
Salary (full-time employed)	4	4	4
Income	12	11	15
Years of professional experience	15	13	20
Foreign language knowledge *	8	7	8
Professional identification	3	3	3

* Updated items.

respondents to the 1964 National Register. Abbreviated questionnaires were mailed to a sample of 2,439 nonrespondents, with a registered-mail followup and a third mailing by airmail special delivery. Long-distance telephone calls were made to the remainder not responding. Of the total of 1,888 completed returns, 1,573 were qualified for inclusion according to the 1964 criteria for eligibility of the appropriate societies. The results of this study indicate that there were slight differences between the 223,854 qualified respondents and the estimated 135,800 qualified nonrespondents. As compared with the respondents, the qualified nonrespondents:

(1) show higher proportions in chemistry and agricultural sciences, and lower proportions in biological sciences and psychology;

(2) have fewer PhD.'s and M.D.'s and more bachelor's degrees;

(3) are more often employed in industry and business, or self-employed and less often employed in educational institutions;

(4) are more likely to be in management or administration, or production and inspection, and less likely to be in research and development; and

(5) are somewhat older.

It should be recognized that this study of nonrespondents did not account for those individuals who are on no mailing list and never received a questionnaire.

Concepts and Definitions

The user of National Register data should note that combinations of *scientific subfields* cannot be added together to yield *scientific fields*. Data on *scientific field* were derived from answers to question 8 on professional identification. The professional identification classification was developed from titles occurring most frequently on questionnaires returned in the 1968 survey and is entirely independent of the specialties list. (See the sample questionnaire and specialties list in appendix D.) When an interdisciplinary title like "biochemist" was chosen, the respondent was classified in the *field* biology or chemistry on the basis of all the data (major subject of degrees, scientific competence, etc.) furnished by the respondent to the society which qualified him for inclusion. In about 2,400 cases, questionnaires were transferred from one society to another to ensure that respondents' qualifications were evaluated by the appropriate society.

The data on *scientific subfield* were derived from answers to question 13, asking the respondent to choose from the specialties list in appendix D the ". . . scientific specialty most closely related to your **PRESENT** principal employment. . . ." Respondents were also asked in question 18 to enter ". . . the four specialties in which you currently have your greatest scientific competence, based on your total educational and work experience." In cases where no employment specialty was indicated, the first competence specialty was used to classify the respondent in a *subfield*.

In years prior to 1968, both field and subfield data were derived from responses to the question on greatest scientific competence. Fields were derived from combinations of subfields, which in turn were derived from combinations of specialties. The basis for classifying fields was changed between 1966 and 1968 because many users pointed out that the definition of a scientist's field should be broadly based and not confined to a specialized area of expertise. It was also recognized that the specialties were combined into subfields for statistical purposes somewhat arbitrarily. Tabulations of subfields of current employment have facilitated comparisons of National Register data with other statistics collected on employment and earnings. A study[2] examined the effect on numbers, characteristics, and salaries of economists under several different definitions of the profession. The study showed that, for economists, a change in definition from area of greatest competence to employment area would yield a group of "economists" of nearly the same total size, and with nearly the same average salary. The authors pointed out that ". . . because the boundaries between economics and other professions are fluid ones, it would seem wise to define an "economist" as a professional level person who so regards himself. Thereby the changing concepts of the content and discipline of economics would be represented by the corresponding changes in the education, experience, current employment, and outlook of those who identified themselves as members of that profession. From this viewpoint, the test of an economist is not whether he claims (some or the greatest) competence in a particular narrow specialty which has been precoded as part of "economics," but rather whether the broad professional orientation of the person is allied to what he in his own time considers the economics profession to represent." Table B-2 shows the different percent distributions that would have resulted from using various field definitions in 1970.

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[2] N. Arnold Tolles and Emanuel Melichar, "Studies of the Structure of Economists' Salaries and Income," *American Economic Review Supplement*, Vol. LVIII, No. 5, December 1968.

The specialties list reproduced in appendix D was available only in part to each respondent. Because a review of over 1,000 specialties by every respondent was considered too burdensome, each society selected those specialties most appropriate to its field for printing on the back of its edition of the questionnaire. In years prior to 1968, the respondent had been free to choose from the entire specialties list which accompanied every questionnaire. It was found that limiting the number of specialties available had a negligible effect on the data. Examination of the 1966 data revealed that if respondents had been exposed only to part of the specialties list in 1966, about 9,800, or 4 percent, would have been unable to find the specialties they preferred to select from the entire list.

Table B-2.—Percent distribution of fields under various definitions, 1970

Field	Definition			
	Professional identification	Employment or greatest competence (specialty)	Employment (specialty)	Major subject of highest degree
Total	302,660	302,660	279,781	296,660
	Percent distribution			
Chemistry	26	27	28	22
Earth and marine sciences	8	8	8	7
Atmospheric and space sciences	2	2	2	1
Physics	12	10	10	10
Mathematics	8	7	6	6
Computer science	1	5	5	(a)
Agricultural sciences	5	6	6	6
Biological sciences	15	15	15	15
Psychology	8	9	9	8
Statistics	1	1	1	1
Economics	4	4	4	5
Sociology	2	2	2	2
Political science	2	2	2	2
Anthropology	(a)	(a)	(a)	(a)
Linguistics	1	1	1	1
Other	(a)	5	5	12

(a) Less than 0.5 percent.

Note: There were 22,879 scientists who did not report employment specialty, of whom 17,202 were not employed or failed to report employment status and therefore had no employment specialty. There were 6,000 scientists who did not report major subject of highest degree, of whom 2,282 failed to report degree level or reported no college degree.

No attempt was made to define many terms used in the questionnaire. Each scientist was allowed to decide for his own case the meaning of terms like "research and development," "professional experience," "biologist," or "crystallography." Nevertheless, certain terms and concepts as used in this report require some explanation to permit the most effective use of these data.

(1) *Field and subfield:* The data on field were derived from answers to question 8 on professional identification. Subfield data were derived from answers to questions 13, on employment specialization, and 18, on scientific competence.

(2) *Age:* Derived from responses to question 1 on date of birth.

(3) *Employment status:* Derived from question 9.

(4) *Federal support:* Defined as an affirmative response to question 14: "Is ANY of your work being supported or sponsored by U.S. Government funds?" Those reporting Federal support were also asked to indicate whether their work was related to agriculture, atomic energy, defense, education, health, housing, international, natural resources, public works, rural development, space, transportation, or urban development programs. Of the 123,707 individuals receiving support, 20,810 reported support from more than one program.

(5) *Foreign language:* Derived from responses to question 19. The table shows the number of scientists reporting knowledge in one or more of 49 individual languages, grouped into 10 language families. The list of languages used by the National Register was provided by the Center for Applied Linguistics, one of the cooperating scientific societies. Knowledge of at least one foreign language was reported by 250,293 registrants,

Table B-3.—Number of scientists, by number of foreign languages reported, 1970

Number of languages	Number of scientists
1	88,279
2	100,080
3	29,780
4	8,327
5	1,030
6	472
7	106
8	49
9 or more	25

or 80 percent of the 312,644 total. Table B-3 shows the number of individuals reporting knowledge of from one to nine foreign languages.

(6) *Geographic location:* State and Standard Metropolitan Statistical Area (SMSA) data were derived from question 10 on the location of employment. Registrants not reporting place of employment or not employed were classified by mailing address. An SMSA is defined as a county, or group of contiguous counties, which contains at least one city of 50,000 inhabitants or "twin cities" with a combined population of at least 50,000. Adjacent counties are included in an SMSA if they are essentially metropolitan in character and are socially and economically integrated with the central city.[3]

(7) *Highest degree:* Derived from responses to question 6. "Ph.D." or "Doctorate" includes Ph.D., Ed.D., Sc.D., and those with both Ph.D. and M.D. "Professional medical" includes M.D., D.D.S., D.V.M., etc. "Less than bachelor's degree" includes associate degrees. "No report" includes foreign degrees of unknown level. Only earned degrees were counted; honorary degrees were not included.

(8) *Type of employer:* Derived from responses to question 11. "Educational institutions" include universities, colleges, medical schools, junior colleges, elementary and secondary schools, and Federally Funded Research and Development Centers (FFRDC's) managed by educational institutions.

"Other government" employers consist of State, local, regional, and international agencies.

"Nonprofit organizations" include nonprofit hospitals and clinics, FFRDC's managed by nonprofit organizations, and other nonprofit organizations.

"Industry and business" includes private hospitals, clinics, weather services, FFRDC's managed by profit organizations, and other private industry and business organizations.

(9) *University and college teachers:* Includes scientists employed in universities (question 11) who reported teaching as their first or second work activity (question 12).

(10) *Work activity:* Derived from responses to question 12. "Applied research" includes clinical research/investigation, equipment or systems research, test development, and administration and interpretation of psychological tests.

"Development" includes design.

"Production and inspection" includes production, operations, maintenance, exploitation, processing, economic evaluation, quality control, inspection, technical services, testing, sales, marketing, purchasing, and estimating.

"Consulting" includes clinical practice, counseling practice, and industrial or management consulting.

"Exploration, forecasting, reporting" includes report or other technical writing, editing, textbook preparation, information services, exploration, data compilation or processing, weather presentation, analysis (meteorological or climatological), forecasting, curatorial, and regional and urban planning.

(11) *Years of professional experience:* Derived from responses to question 17, years of experience are grouped in 5-year intervals except for "one year or less" and "2-4 years". This was done to conserve space, facilitate analysis, and smooth variations caused by the natural tendency of respondents to round their years of experience to multiples of five. Thus an individual with 4 years of experience may report it as 5, one with 21 years may report 20, etc. The tendency for years of experience to cluster is not found in the age data because date of birth was used to develop tabulations for age.

Nonresponse to the years of experience question was large in 1968 and 1970, 14 percent and 15 percent, respectively. In 1964 and 1966 about 5 percent of the registrants failed to respond to this question.

The high nonresponse rate to this question should be studied in greater depth before generalizations are drawn from the years of experience data reported here. For some purposes the data on age may serve as an acceptable substitute.

Failure to report years of experience was systematic in that more than one-half the not employed registrants did not report; registrants in chemistry and sociology and bachelor's degree holders tended not to answer this question.

Median Salaries

Respondents were asked to report in question 15 to the nearest $100 the basic annual salary associated with principal professional employment before deductions for income tax, social security, retirement, etc., but not including bonuses, overtime, summer teaching, or other payment for professional work.

The median was computed as the N/2th case from the lowest salary whenever an even number of individuals reported salary. A differentiation is made between calendar-year (11–12 months) and academic-year (9–10 months) salaries for scientists employed in educational institutions or working primarily in teaching. In comparing the median annual salaries of scientists among different types of employer, the median calendar-year salary should be used for those in educational institutions. Median salaries were computed only for full-time employed civilian scientists.

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[3] Executive Office of the President, Bureau of the Budget, *Standard Metropolitan Statistical Areas*. (Washington, D.C. 20402: Supt. of Documents, U.S. Government Printing Office, 1967), pp. 1-3.

In some fields, especially mathematics, median salaries for bachelor's degree holders may be higher than for individuals with graduate degrees. This apparent inversion of expected relationships occurs largely because industry, which usually paid higher salaries than educational institutions, employed most of the mathematicians with a bachelor's degree or less; educational institutions, generally with a lower median salary, employed most of the Ph.D's. Moreover, the industrial employees who did not report advanced degrees consisted predominantly of the more experienced or managerial scientists who generally reported higher salaries.

The effect of type of employer, years of professional experience, highest academic degree, primary work activity, age, sex, and profession on salaries reported in the 1966 National Register was examined by the American Economic Association,[8] using multiple regression of the selected characteristics on salary. The greatest effect was exerted by the level of the highest academic degree held by the respondent. Almost equally important was the combined influence of type of employer and length of professional experience. Considerably less important than these factors, but still exerting major influences, were the profession and the primary work activity. Sex was of minor importance in explaining total salary variation, but only because of the relatively small proportion of women among the respondents. Age was relatively unimportant, once length of professional experience was already represented in the model.

Comparisons with Other Data

An effective national scientific manpower information program should benefit from several different approaches to collecting data. Three primary sources are the Bureau of the Census (Census), the Bureau of Labor Statistics (BLS), and the National Register, all of whose counts or estimates of scientists are different because of differences in fields included, reporting methodology, definitions, and time references, since these three systems are designed to meet different needs and are not based on identical populations.

Census enumerates at decennial intervals the entire population and provides a benchmark for the number reporting in each broad occupation. The 1970 Census of Population should provide a current estimate of the scientific and technical population in the United States. Replies will be classified according to the Census occupational classification. Comparison of Census data with information from other data sources is complicated by the infrequency of the survey. At the present time the Current Population Survey of a sample of households, carried out on a monthly basis, provides insufficient occupational detail to compare with other counts of scientists.

BLS prepares estimates of the gross numbers of natural scientists employed, by broad occupation. These estimates, usually prepared annually, are based on surveys of employing establishments asked to report the number of employees working as scientists, according to BLS occupational definitions. It is recognized that employers' classification practices in adhering to these definitions are far from uniform, and they tend to produce statistical totals that conform to a payroll classification system rather more closely than to a scientific qualification system. Estimates based on employer reporting usually define scientists as those whose jobs require at least a science baccalaureate degree or "equivalent training" and who are engaged in a scientific activity. Sometimes such counts are further limited to those engaged in research and development. An element of duplication may exist to the extent that scientists are engaged in more than one job.

The unique contribution of the National Register is the ability to provide greater detail on field of science, educational level, current employment and work activity, salary and income, and other characteristics which permit the interpretation of the totals reported by the Census and BLS.

Any single one of these data sources possesses weaknesses which may be minimized by reference to other sources. For example, the Census of Population data have suffered from occupational classification shortcomings; BLS estimates have suffered from lack of detail on employee characteristics; and the Register, as discussed earlier, has suffered from incompleteness of coverage.

Longitudinal File

Individual scientists furnished information to the National Register on educational, professional, and employment characteristics in 1954, 1956–58, 1960, 1962, 1964, 1966, 1968, and 1970, providing a longitudinal file as a resource for conducting statistical studies on geographic mobility and career patterns in terms of training and employment. Approximately 1.8 million records have been matched and merged by name, date of birth and other information for all registrants in the 1954–1970 period. About 560,000 individuals are included in this file.

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[8] Tolles, *op. cit.*, pp. 58–68.

APPENDIX C

Criteria for Inclusion in the National Register

The cooperating societies identify individuals with "full professional standing" for inclusion in the National Register, whether or not they are members of a professional society. The following criteria for "full professional standing" were established in 1970 by the societies based on the inputs from numerous representatives both within and outside the society:

Chemist (American Chemical Society)—A bachelor's degree or 10 years of professional experience in an area of chemistry.

Earth or marine scientist (American Geological Institute)—Two of the following four conditions: a bachelor's degree in earth or marine science; professional identification as a geological scientist; greatest competence in earth or marine science; current employment in earth or marine science. In addition, either current enrollment in a Ph.D. program in earth or marine science or 1 year of professional experience.

Atmospheric or space scientist (American Meteorological Society)—A degree in the atmospheric, space, or closely allied disciplines or 10 years of professional experience.

Physicist or astronomer (American Institute of Physics)—A bachelor's degree and 2 years of either advanced training or work experience in physics or astronomy; or the equivalent in professional experience.

Mathematician, statistician, or computer scientist (American Mathematical Society)—A Ph.D.; or a master's degree and 2 years of professional experience; or a bachelor's degree and 4 years of professional experience. If experience is in computer science, the degree may be in any field; otherwise the degree must be in the mathematical sciences.

Biologist (American Institute of Biological Sciences)—A Ph.D. in an area of biology; or a master's degree and 1 year of professional experience; or a bachelor's degree and 2 years of professional experience; or the equivalent in professional experience.

Biomedical scientist (Federation of American Societies for Experimental Biology)—A professional degree, or equivalent, and an indication of either research interest and activity or employment as an administrator of research; or the equivalent in professional experience.

Psychologist (American Psychological Association)—A Ph.D. based in part upon a psychological dissertation and conferred by a graduate school of recognized standing; or a master's degree in psychology from a recognized graduate school and 1 year of professional experience; or 2 years of graduate work in psychology and either employed in psychology or engaged in graduate study; or the equivalent in professional experience.

Economist (American Economic Association)—A graduate degree in economics; or a bachelor's degree in economics and 2 years of professional experience; or the equivalent in professional experience.

Sociologist (American Sociological Association)—A Ph.D. in sociology or closely related field; or a master's degree with either 1 year of professional experience or 1 additional year of graduate training; or a bachelor's degree with 2 years of graduate training and either current employment in a sociological field or enrollment in graduate school; or the equivalent in professional experience.

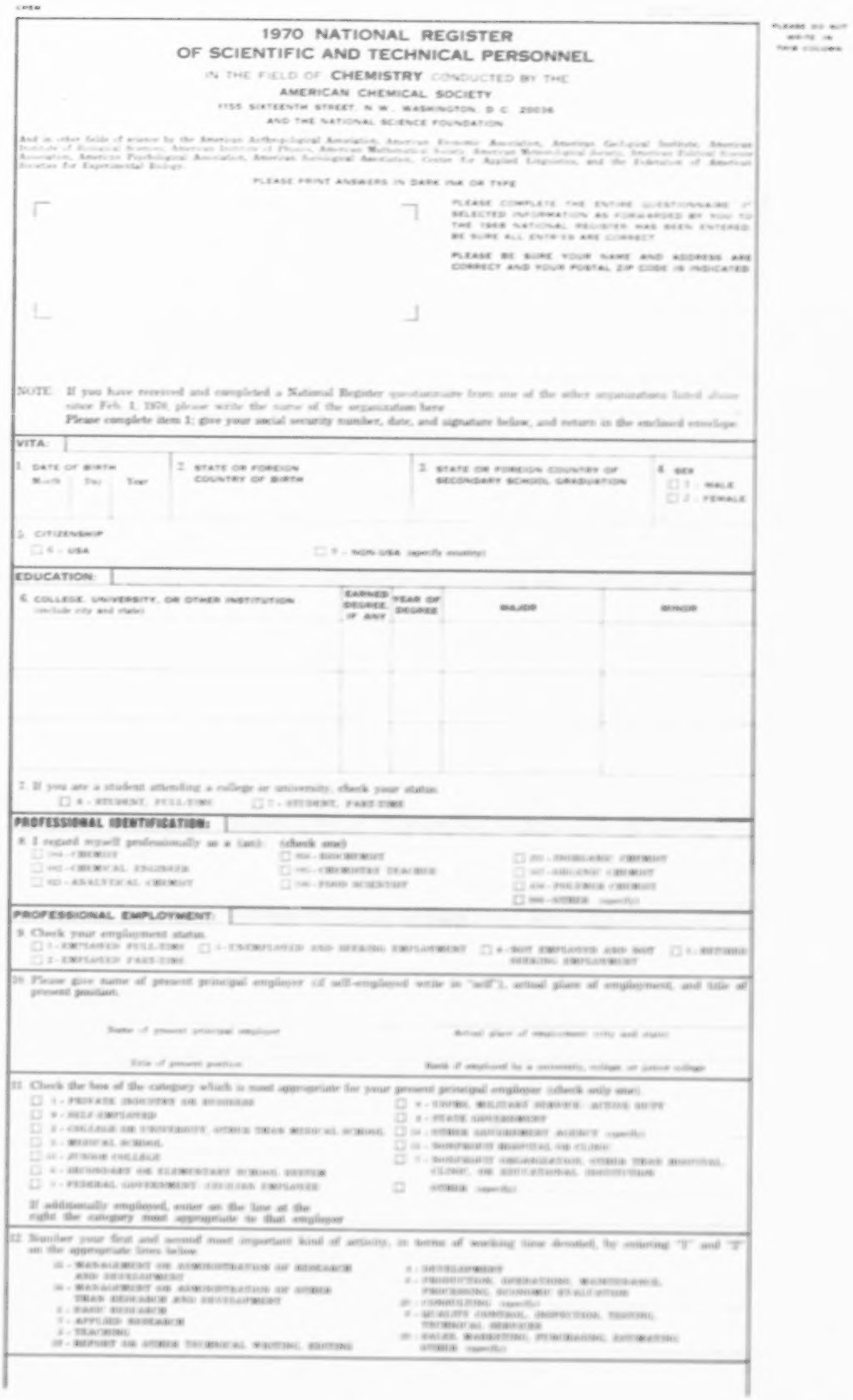
Political scientist (American Political Science Association)—A Ph.D. in political science; or a master's degree and 1 year of professional experience; or 2 years of graduate work in political science and 1 year of professional experience; or substantial professional achievement in political science as evidenced by contributions to the professional literature.

Anthropologist (American Anthropological Association)—A Ph.D. in anthropology; or the equivalent in professional experience.

Linguist (Center for Applied Linguistics)—Major academic background in linguistics, professional experience in linguistics, employment in linguistics, and contributions to the professional literature.

APPENDIX D

Reproduction of 1970 Questionnaire and Specialties List



PLEASE DO NOT WRITE IN THIS COLUMN

1970 NATIONAL REGISTER OF SCIENTIFIC AND TECHNICAL PERSONNEL

IN THE FIELD OF **CHEMISTRY** CONDUCTED BY THE

AMERICAN CHEMICAL SOCIETY
1155 SIXTEENTH STREET, N.W., WASHINGTON, D.C. 20036
AND THE NATIONAL SCIENCE FOUNDATION

And in other fields of science by the American Anthropological Association, American Economic Association, American Geological Institute, American Institute of Biological Sciences, American Institute of Physics, American Mathematical Society, American Meteorological Society, American Political Science Association, American Psychological Association, American Sociological Association, Center for Applied Linguistics, and the Federation of American Societies for Experimental Biology.

PLEASE PRINT ANSWERS IN DARK INK OR TYPE

PLEASE COMPLETE THE ENTIRE QUESTIONNAIRE IF SELECTED INFORMATION AS FORWARDED BY YOU TO THE 1968 NATIONAL REGISTER HAS BEEN ENTERED. BE SURE ALL ENTRIES ARE CORRECT.

PLEASE BE SURE YOUR NAME AND ADDRESS ARE CORRECT AND YOUR POSTAL ZIP CODE IS INDICATED.

NOTE: If you have received and completed a National Register questionnaire from one of the other organizations listed above since Feb. 1, 1970, please write the name of the organization here
Please complete item 1; give your social security number, date, and signature below, and return in the enclosed envelope.

VITA:

1. DATE OF BIRTH Month Day Year
2. STATE OR FOREIGN COUNTRY OF BIRTH
3. STATE OR FOREIGN COUNTRY OF SECONDARY SCHOOL GRADUATION
4. SEX ☐ 1 - MALE ☐ 2 - FEMALE
5. CITIZENSHIP ☐ 6 - USA ☐ 7 - NON-USA (specify country)

EDUCATION:

6. COLLEGE, UNIVERSITY, OR OTHER INSTITUTION (include city and state)	EARNED DEGREE, IF ANY	YEAR OF DEGREE	MAJOR	MINOR

7. If you are a student attending a college or university, check your status:
☐ 6 - STUDENT, FULL-TIME ☐ 7 - STUDENT, PART-TIME

PROFESSIONAL IDENTIFICATION:

8. I regard myself professionally as a (an): (check one)
☐ CHEMIST
☐ CHEMICAL ENGINEER
☐ ANALYTICAL CHEMIST
☐ BIOCHEMIST
☐ CHEMISTRY TEACHER
☐ FOOD SCIENTIST
☐ INORGANIC CHEMIST
☐ ORGANIC CHEMIST
☐ POLYMER CHEMIST
☐ OTHER (specify)

PROFESSIONAL EMPLOYMENT:

9. Check your employment status.
☐ 1 - EMPLOYED FULL-TIME
☐ 2 - EMPLOYED PART-TIME
☐ UNEMPLOYED AND SEEKING EMPLOYMENT
☐ 4 - NOT EMPLOYED AND NOT SEEKING EMPLOYMENT
☐ RETIRED

10. Please give name of present principal employer (if self-employed write in "self"), actual place of employment, and title of present position.
Name of present principal employer
Actual place of employment (city and state)
Title of present position
Rank if employed by a university, college, or junior college

11. Check the box of the category which is most appropriate for your present principal employer (check only one):
☐ PRIVATE INDUSTRY OR BUSINESS
☐ SELF-EMPLOYED
☐ COLLEGE OR UNIVERSITY, OTHER THAN MEDICAL SCHOOL
☐ MEDICAL SCHOOL
☐ JUNIOR COLLEGE
☐ SECONDARY OR ELEMENTARY SCHOOL SYSTEM
☐ FEDERAL GOVERNMENT, CIVILIAN EMPLOYEE
☐ U.S. MILITARY SERVICE, ACTIVE DUTY
☐ STATE GOVERNMENT
☐ OTHER GOVERNMENT AGENCY (specify)
☐ NONPROFIT HOSPITAL OR CLINIC
☐ NONPROFIT ORGANIZATION, OTHER THAN HOSPITAL, CLINIC, OR EDUCATIONAL INSTITUTION
☐ OTHER (specify)

If additionally employed, enter on the line at the right the category most appropriate to that employer

12. Number your first and second most important kind of activity, in terms of working time devoted, by entering "1" and "2" on the appropriate lines below:
MANAGEMENT OR ADMINISTRATION OF RESEARCH AND DEVELOPMENT
MANAGEMENT OR ADMINISTRATION OF OTHER THAN RESEARCH AND DEVELOPMENT
BASIC RESEARCH
APPLIED RESEARCH
TEACHING
REPORT OR OTHER TECHNICAL WRITING, EDITING
DEVELOPMENT
PRODUCTION, OPERATIONS, MAINTENANCE, PROCESSING, ECONOMIC EVALUATION
CONSULTING (specify)
QUALITY CONTROL, INSPECTION, TESTING, TECHNICAL SERVICES
SALES, MARKETING, PURCHASING, ESTIMATING
OTHER (specify)

PROFESSIONAL EMPLOYMENT (continued)

23. From the specialties list (see overleaf), select and enter both the number and title of the scientific specialty most closely related to your **PRESENT** principal employment, or write in your specialty if it is not on the list.

Number	Specialty Title

24. Is ANY of your work being supported or sponsored by U. S. Government funds? ☐ Yes ☐ No ☐ Don't know

If yes, is your work related to any of the following programs:

☐ A - AGRICULTURE
☐ B - ATOMIC ENERGY
☐ C - DEFENSE
☐ D - EDUCATION
☐ E - HEALTH
☐ F - HOUSING
☐ G - INTERNATIONAL
☐ H - NATURAL RESOURCES
☐ J - PUBLIC WORKS
☐ K - RURAL DEVELOPMENT
☐ L - SPACE
☐ M - TRANSPORTATION
☐ N - URBAN DEVELOPMENT
☐ OTHER PROGRAM (specify)

NOTE: Salary and income information is regarded as confidential and will be used for statistical purposes only. It will NOT be released in any way that will allow it to be identified with you.

25. 1970 BASIC ANNUAL SALARY. Please give the basic annual salary associated with your principal professional employment to the nearest hundred dollars.

$

If academically employed, check whether salary is for ☐ 9-10 mos. or ☐ 11-12 mos.

(Basic Annual Salary is your annual salary before deductions for income tax, social security, retirement, etc., but does not include bonuses, overtime, summer teaching, or other payment for professional work. Do not include rental or subsistence allowances.)

26. ESTIMATED GROSS ANNUAL PROFESSIONAL INCOME (Jan. 1 to Dec. 31, 1970). Please give your estimated gross income from all professional activities for the year

$

(Gross Annual Professional Income is ALL payment received for professional activities including basic salary before deductions, plus bonuses, royalties, fees, honoraria, etc.)

27. How many years of professional work experience, including teaching, have you had? ☐

SCIENTIFIC COMPETENCE

28. From the specialties list (see overleaf), select and enter on the lines below in decreasing order the four specialties in which you currently have your greatest scientific competence, based on your total educational and work experience. Enter only scientific specializations.

Greatest	Number	Specialty Title	Third	Number	Specialty Title

Second	Number	Specialty Title	Fourth	Number	Specialty Title

LANGUAGE AND AREA KNOWLEDGE

29. FOREIGN LANGUAGE. List the languages (other than English) in which you have competence and indicate your proficiency. If you have no foreign language competence, check here ☐

NAME OF LANGUAGE(S)	PROFICIENCY								
	CAN PREPARE AND DELIVER LECTURES		CAN CONVERSE		HAVE FACILITY TO TRANSLATE TECHNICAL JOURNALS		CAN READ TECHNICAL ARTICLES FOR OWN USE		SOME KNOWLEDGE BUT CAN'T USE AS A MEDIUM OF COMMUNICATION 9
	EASILY 1	WITH DIFFICULTY 2	FLUENTLY 3	PASSABLY 4	INTO ENGLISH 5	FROM ENGLISH 6	EASILY 7	WITH DIFFICULTY 8	

30. AREA KNOWLEDGE. List the foreign countries of which you have a knowledge gained by residence or research.

COUNTRY	TOTAL YEARS RESIDENCE	YEAR LAST VISITED	NATURE OF YOUR KNOWLEDGE

PROFESSIONAL AFFILIATION

31. SOCIETY AFFILIATION. Check the appropriate boxes for all Societies of which you are a member. For write-ins include only national professional societies and use identifying words in full.

☐ 1 - AMERICAN ASSOCIATION FOR THE ADVANCEMENT OF SCIENCE
☐ 2 - AMERICAN CHEMICAL SOCIETY
☐ 3 - AMERICAN INSTITUTE OF CHEMICAL ENGINEERS
☐ 4 - AMERICAN INSTITUTE OF CHEMISTS
☐ 5 - INSTITUTE OF FOOD TECHNOLOGISTS
☐ 8 - OTHER (specify)
☐ 9 - NONE

32. Please give a mailing or forwarding address through which you can always be reached if different from address above.

C/O	Number	Street	City	State	Zip Code

DATE PREPARED	SIGNATURE (Please Sign Full Name)
SOCIAL SECURITY ACCOUNT NO.	

[illegible]

SPECIALTIES LIST FOR USE WITH 1970 NATIONAL REGISTER OF SCIENTIFIC AND TECHNICAL PERSONNEL

NATIONAL SCIENCE FOUNDATION

WASHINGTON, D.C. 20550

This specialties list is the latest presentation of scientific specializations used with the National Register developed by the National Science Foundation with the aid of many committees of scientists representing all areas of science. These committees reviewed the specialties list and considered the addition of emerging specialties and the elimination of those that were no longer appropriate.

In the fields of Agriculture, Biology, and Biomedical Sciences a multifaceted classification matrix is possible from the use of biological levels, approaches to biology, taxonomic groups, and the biological subfields presented in this list.

In the fields of Mathematics, Statistics, and Computer Sciences a dual classification approach is presented using areas of application and employment specialization.

To obtain a complete listing of specializations and subfields for a particular discipline, a review of appropriate sections of the list should be made; several subfields of an interdisciplinary nature are repeated under different discipline headings to facilitate such a review.

ATMOSPHERIC, EARTH, MARINE, AND SPACE SCIENCES

Atmospheric Structure and Dynamics

[illegible]—Aeronomy
[illegible]—Air-sea interaction
[illegible]—Atmospheric chemistry and radioactivity
[illegible]—Atmospheric dynamics, thermodynamics
[illegible]—Atmospheric electricity
[illegible]—Atmospheric optics and acoustics
[illegible]—Aurora, airglow
[illegible]—Cloud and precipitation physics
[illegible]—Cosmic rays
[illegible]—Ionosphere
[illegible]—Macrometeorology
[illegible]—Micrometeorology
[illegible]—Numerical modeling
[illegible]—Planetary atmospheres
[illegible]—Radiative transfer
[illegible]—Turbulence and diffusion
[illegible]—Other (specify)

Climatology

[illegible]—Analytical climatology
[illegible]—Applied climatology
[illegible]—Bioclimatology
[illegible]—Microclimatology
[illegible]—Paleoclimatology
[illegible]—Physical climatology
[illegible]—Regional climatology
[illegible]—Other (specify)

Geochemistry

[illegible]—Cosmochemistry
[illegible]—Experimental petrology-phase equilibria
[illegible]—Exploration geochemistry
[illegible]—Geochronology and radioisotopes
[illegible]—Low temperature geochemistry
[illegible]—Mineral deposit geochemistry
[illegible]—Organic geochemistry
[illegible]—Stable isotopes
[illegible]—Trace element distribution
[illegible]—Other (specify)

Geodesy

[illegible]—Cartography and photogrammetry
[illegible]—Geodetic astronomy and navigation
[illegible]—Geodetic surveying
[illegible]—Physical geodesy
[illegible]—Satellite geodesy
[illegible]—Theoretical geodesy
[illegible]—Other (specify)

Geography

[illegible]—Biogeography
[illegible]—Cartography
[illegible]—Cultural geography
[illegible]—Economic geography
[illegible]—Geography of resources
[illegible]—Historical geography
[illegible]—Land use
[illegible]—Location theory
[illegible]—Medical geography
[illegible]—Political geography
[illegible]—Population geography
[illegible]—Physical geography
[illegible]—Regional geography (specify region)
[illegible]—Urban geography
[illegible]—Other (specify)

Geology

[illegible]—Areal geology
[illegible]—Coal geology
[illegible]—Engineering geology
[illegible]—Environmental geology
[illegible]—Geohydrology
[illegible]—Geomorphology
[illegible]—Geothermal processes
[illegible]—Glacial geology
[illegible]—Mineral deposits
[illegible]—Mineralogy and crystallography
[illegible]—Petroleum deposits
[illegible]—Petrology, igneous and metamorphic
[illegible]—Petrology, sedimentary
[illegible]—Photogeology
[illegible]—Rock mechanics
[illegible]—Sedimentology
[illegible]—Stratigraphy
[illegible]—Structural geology
[illegible]—Volcanology
[illegible]—Well log analysis
[illegible]—Other (specify)

Hydrology

[illegible]—Erosion and sedimentation
[illegible]—Evaporation and transpiration
[illegible]—Glaciology
[illegible]—Ground water
[illegible]—Precipitation
[illegible]—Quality of water
[illegible]—Snow, ice, and permafrost
[illegible]—Soil moisture
[illegible]—Surface water
[illegible]—Other (specify)

Instrumentation and Techniques

[illegible]—Geodetic
[illegible]—Hydrologic
[illegible]—Meteorological
[illegible]—Oceanographic
[illegible]—Remote sensing
[illegible]—Rocket and space craft
[illegible]—Seismic, geomagnetic, and gravity
[illegible]—Other (specify)

Meteorological Area Specializations

[illegible]—Agricultural meteorology
[illegible]—Air pollution
[illegible]—Hydrometeorology
[illegible]—Industrial meteorology
[illegible]—Marine meteorology
[illegible]—Polar meteorology
[illegible]—Radar and radio meteorology
[illegible]—Rocket meteorology
[illegible]—Satellite meteorology
[illegible]—Tropical meteorology
[illegible]—Weather modification
[illegible]—Other (specify)

Oceanography

[illegible]—Biological oceanography
[illegible]—Chemical oceanography
[illegible]—Descriptive oceanography
[illegible]—Ocean bottom processes
[illegible]—Physical oceanography
[illegible]—Sea-air interactions
[illegible]—Sea ice
[illegible]—Shore and near shore processes
[illegible]—Underwater sound
[illegible]—Other (specify)

Paleontology

[illegible]—Biostratigraphy
[illegible]—Micropaleontology
[illegible]—Paleobotany
[illegible]—Paleoecology
[illegible]—Paleontology, invertebrate
[illegible]—Paleontology, vertebrate
[illegible]—Palynology
[illegible]—Quantitative paleontology
[illegible]—Other (specify)

Planetology

[illegible]—Interplanetary matter
[illegible]—Lunar and planetary geology
[illegible]—Lunar and planetary geophysics
[illegible]—Meteorites and tektites
[illegible]—Planetary atmospheres
[illegible]—Planetary magnetic fields
[illegible]—Other (specify)

Soil Science (Pedology)

[illegible]—Fertility, management for plant production
[illegible]—Soils behavior under alternative uses
[illegible]—Soil biochemistry
[illegible]—Soil biology
[illegible]—Soil cartography
[illegible]—Soil chemistry
[illegible]—Soil classification
[illegible]—Soil conservation
[illegible]—Soil mechanics and engineering
[illegible]—Soil microbiology
[illegible]—Soil mineralogy
[illegible]—Soil morphology and genesis
[illegible]—Soil physics
[illegible]—Other (specify)

Solar-Planetary Relationships

[illegible]—Aeronomy
[illegible]—Aurora and airglow
[illegible]—Cosmic rays
[illegible]—Geomagnetic pulsations
[illegible]—Interplanetary particles and fields
[illegible]—Ionosphere
[illegible]—Magnetospheric particles and waves
[illegible]—Solar and planetary physics
[illegible]—Solar wind
[illegible]—Other (specify)

Solid-Earth Geophysics

[illegible]—Exploration, gravity
[illegible]—Exploration, magnetic
[illegible]—Exploration, seismology
[illegible]—Geomagnetism and paleomagnetism
[illegible]—Gravity
[illegible]—Heat flow
[illegible]—Physical properties of natural materials
[illegible]—Seismology
[illegible]—Tectonics
[illegible]—Volcanology
[illegible]—Other (specify)

Weather Analysis and Forecasting

[illegible]—Extended forecasting
[illegible]—Numerical prediction (short range)
[illegible]—Observing/briefing
[illegible]—Operational forecasting (short range)
[illegible]—Other (specify)

[illegible]—Atmospheric science, other (specify)

[illegible]—Earth science, other (specify)

[illegible]—Marine science, other (specify)

[illegible]—Space science, other (specify)

CHEMISTRY

Agricultural Chemistry

5391—Animal feeds
5392—Fertilizer
5394—Metabolism
5395—Pesticides: insecticides, herbicides, fungicides
5396—Plant growth regulators and/or defoliants
5399—Other (specify)

Analytical Chemistry

5401—Absorption spectroscopy, fluorimetry, and phosphorimetry
5402—Biochemical analysis
5403—Chromatographic analysis
5404—Electrochemical analysis
5405—Emission spectroscopy
5406—Infrared and Raman spectroscopy
5407—Magnetic resonance spectroscopy
5408—Mass spectroscopy
5411—Microchemical analysis
5412—Microscopy
5413—Microwave spectroscopy
5414—Polymer analysis
5415—Radiochemistry (nuclear methods)
5416—Thermal methods
5417—X-ray spectroscopy
5419—Other (specify)

Biochemistry

5501—Antimetabolites
5502—Biochemical genetics
5503—Biochemical mechanisms
5504—Carbohydrates
5505—Chemotherapy
5506—Clinical chemistry
5507—Coenzymes and vitamins
5508—Endocrines
5511—Enzyme characterization
5512—Feedback regulation
5513—Fermentation
5514—Immunochemistry
5515—Intermediary metabolism, biosynthesis
5516—Lipids (phosphatides, glycerides, fats, oils)
5517—Medicinal chemistry
5518—Microbial processes, synthesis
5521—Microbiological chemistry
5522—Molecular pharmacology
5523—Nucleic acids (purines, pyrimidines)
5524—Oncology, carcinogenesis
5525—Photosynthesis
5526—Physical biochemistry
5527—Proteins and polypeptides
5528—Radiopharmaceuticals
5531—Steroids and steroid metabolism
5532—Technology, methodology
5539—Other (specify)

Food Science and Technology

5541—Additives: flavor, color, antioxidant, preservative, stabilizer
5542—Chemical properties of foods
5543—Fermentation
5544—Food processing
5545—Materials handling
5546—Microbiological properties of foods
5547—Natural toxicants
5548—Nutritional properties of foods
5551—Organoleptic properties of foods
5552—Physical properties of foods
5553—Sanitation
5554—Synthetic foods
5559—Other (specify)

Geochemistry

5051—Cosmochemistry
5052—Experimental petrology–phase equilibria
5053—Exploration geochemistry
5054—Geochronology and radioisotopes
5055—Low temperature geochemistry
5056—Mineral deposit geochemistry
5057—Organic geochemistry
5058—Stable isotopes
5061—Trace element distribution
5069—Other (specify)

Inorganic Chemistry

5561—Boron and silicon compounds: asbestos, clay, glass, etc.
5562—Carbon, germanium, lead, tin, includes graphite, etc.
5563—Coordination compounds
5564—"Electron deficient" compounds: boron hydrides, metal alkyls, etc.
5565—Electropositive elements and their compounds (alkalies and alkaline earths, building products, etc.)
5566—Hydrogen and the hydrides, high energy fuels
5567—Inorganic materials useful as solid state electronic devices: semi-conductors, etc.
5568—Mechanisms of inorganic reactions, reaction kinetics
5571—Nonmetals: halogen, oxygen, and nitrogen families, high energy oxidizers
5572—Nuclear chemistry and radiochemistry
5573—Organometallic compounds
5574—Pigments
5575—Solutions and solvent theory, nonbacteriological aspects of water chemistry
5576—Structure of inorganic compounds: crystallography, spectroscopy, etc.
5577—Synthesis of inorganic materials
5578—Synthesis of transuranium elements (actinide chemistry)
5581—Theoretical inorganic chemistry: ligand field theory, molecular orbital theory, ionic models, theory of metals, etc.
5582—Transition chemistry
5589—Other (specify)

Macromolecular Chemistry

5591—Adhesives
5592—Cellular plastics and elastomers
5593—Characterization of macromolecules
5594—Composites
5595—Elastomers and related products
5596—Inorganic polymers
5597—Mechanism of polymerization reactions
5598—Modification of macromolecules
5601—Natural fibers
5602—Network polymers
5603—Polypeptides, proteins
5604—Polyelectrolytes
5605—Polymer physics
5606—Polymer processing
5607—Polymers in bulk: morphology, phase transitions, rheology, and mechanical properties
5608—Polymers in dispersed form
5611—Polymers in solution: thermodynamics, hydrodynamics, and spectroscopy
5612—Polyurethanes
5613—Protective coatings
5614—Stability
5615—Starch, gums, and other polysaccharides
5616—Synthetic fibers
5617—Synthesis of macromolecules
5618—Wood, paper, cellulose
5619—Other (specify)

Organic Chemistry

5621—Alkaloids
5622—Aromatic hydrocarbons and derivatives
5623—Bicyclic and small ring chemistry
5624—Carbanion chemistry
5625—Carbenes and carbenoid chemistry
5626—Carbonium chemistry
5627—Detergents, surfactants, soaps
5628—Dyestuffs
5631—Emulsions
5632—Explosives, fuels, propellants
5633—Fluorine compounds
5634—Free radicals
5635—Heterocyclics
5636—Medicinal chemistry
5637—Nuclear magnetic resonance
5638—Oils, fats, fatty acids, waxes, including plant extractives
5641—Organometallics
5642—Organophosphorus chemistry
5643—Organosilicon chemistry
5644—Organosulfur chemistry
5645—Oxidation-reduction reactions
5646—Petroleum chemicals
5647—Petroleum fuels
5648—Petroleum lubricants
5651—Pharmaceuticals
5652—Photo products
5653—Reaction mechanisms
5654—Stereochemistry and conformational analysis
5655—Steroids
5656—Structure of organic molecules
5657—Synthetic pesticides: insecticides, herbicides, fungicides
5658—Synthetic processes
5661—Terpenes and essential oils
5669—Other (specify)

Physical Chemistry

5671—Catalysis
5672—Chemical and phase equilibria
5673—Chemical kinetics, gas phase and photochemistry
5674—Chemical kinetics, liquid phase
5675—Colloid chemistry
5676—Crystallography
5677—Electrochemistry
5678—Electronic spectroscopy, including far U.V.
5681—Energy transfer and relaxation processes
5682—Equilibrium and thermodynamic relationships
5683—Fast reactions
5684—Flames and explosions
5685—Fused salts
5686—High temperature chemistry
5687—Interfacial chemistry
5688—Ion exchange and membrane phenomena
5691—Lasers and laser applications
5692—Liquid state and solutions, electrolytes and nonelectrolytes
5693—Molecular spectroscopy
5694—Molecular structure
5695—Nuclear and radiochemistry
5696—Quantum and valence theory
5697—Radiation and hot atom chemistry
5698—Scattering phenomena
5701—Solid state chemistry
5702—Statistical mechanics
5703—Thermochemistry
5709—Other (specify)

Related Chemical Specialties

5711—Adsorption and absorption
5712—Air and air pollution
5713—Chemicals from coal
5714—Chemical economics
5715—Chemical processes
5716—Chemical separation
5717—Combustion
5718—Corrosion and passivation
5721—Crushing, grinding, and size separation
5722—Distillation
5723—Electrochemical operations
5724—Fluid flow
5725—Fractionation
5726—Fuels
5727—Heat transfer
5728—Instrumentation
5731—Mass transfer
5732—Materials
5733—Measurement and control
5734—Metallurgy
5735—Nuclear processes
5736—Operational analysis
5737—Packaging
5738—Petroleum processes
5741—Plant and process design
5742—Purification and filtration of water
5743—Purification, filtration, and conditioning of air
5744—Quality control and standards
5745—Solid waste chemistry
5746—Waste treatment
5747—Water pollution
5749—Other (specify)

Soil Science (Pedology)

5311—Fertility, management for plant production
5312—Soils behavior under alternative uses
5313—Soil biochemistry
5314—Soil biology
5315—Soil cartography
5316—Soil chemistry
5317—Soil classification
5318—Soil conservation
5321—Soil mechanics and engineering
5322—Soil microbiology
5323—Soil mineralogy
5325—Soil morphology and genesis
5326—Soil physics
5329—Other (specify)

Other Specialties

5751—Abstracting
5752—Acquisition evaluation
5753—Chemical engineering
5754—Chemical literature
5755—Education
5756—History of chemistry
5757—Indexing
5758—Information retrieval
5761—Library
5762—Marketing
5763—Nomenclature, symbolism
5764—Patents
5765—Teaching chemistry
5769—Other (specify)

PHYSICS AND ASTRONOMY

Acoustics

[illegible]—Architectural acoustics
[illegible]—Hearing
[illegible]—Music
[illegible]—Noise
[illegible]—Shock waves
[illegible]—Speech
[illegible]—Ultrasonics
[illegible]—Underwater sound
[illegible]—Vibrations
[illegible]—Other (specify)

Atoms and Molecules

[illegible]—Atomic and molecular ions
[illegible]—Atomic, molecular, and electron beams
[illegible]—Atoms with $Z > 2$
[illegible]—Collision processes
[illegible]—Free radicals
[illegible]—Hydrogen and helium atoms
[illegible]—Inorganic molecules
[illegible]—Macromolecules and polymers
[illegible]—Muonic and exotic atoms and molecules
[illegible]—Organic molecules
[illegible]—Other (specify)

Biophysics

[illegible]—Bioacoustics
[illegible]—Bioelectricity
[illegible]—Bioenergetics
[illegible]—Biological molecules
[illegible]—Bio-optics
[illegible]—Health and medical physics
[illegible]—Other (specify)

Electromagnetism

[illegible]—Electrical quantities and their measurement
[illegible]—Generation of electromagnetic waves
[illegible]—Infrared, visible, and ultraviolet radiation
[illegible]—Interaction of electromagnetic waves with matter
[illegible]—Magnetism
[illegible]—Propagation of electromagnetic waves
[illegible]—Radiowaves and microwaves
[illegible]—X-rays and gamma rays
[illegible]—Other (specify)

Elementary Particles and Fields

[illegible]—Cosmic rays
[illegible]—Electromagnetic fields, photons
[illegible]—Gravitational fields, gravitons
[illegible]—Hadrons
[illegible]—Leptons
[illegible]—Quantum field theory
[illegible]—Other (specify)

Fluids

[illegible]—Dispersions and colloids
[illegible]—Electric discharges
[illegible]—Fluid mechanics
[illegible]—Gases
[illegible]—Ionization
[illegible]—Liquids
[illegible]—Magnetofluid dynamics
[illegible]—Plasmas
[illegible]—Quantum fluids
[illegible]—Other (specify)

Instrumentation

[illegible]—Antennas, radiators
[illegible]—Astronomical
[illegible]—Beam handling
[illegible]—Circuits and circuit elements
[illegible]—Communication
[illegible]—Electronic
[illegible]—Energy conversion
[illegible]—High pressure
[illegible]—High temperature
[illegible]—Information storage
[illegible]—Lasers and masers
[illegible]—Measuring, testing, and calibrating
[illegible]—Microscopes
[illegible]—NMR-EPR
[illegible]—Nuclear reactors
[illegible]—Particle accelerators
[illegible]—Particle and beam sources
[illegible]—Particle detectors
[illegible]—Photographic
[illegible]—Plasma containment
[illegible]—Radio and microwave
[illegible]—Radio astronomy
[illegible]—Semiconductors
[illegible]—Spectroscopes
[illegible]—Telescopes
[illegible]—Thermometry
[illegible]—Vacuum
[illegible]—X-ray
[illegible]—Other (specify)

Mechanics

[illegible]—Analytical mechanics
[illegible]—Celestial mechanics
[illegible]—Continuum mechanics
[illegible]—Elasticity
[illegible]—Friction
[illegible]—Many body theory
[illegible]—Measurement of mechanical properties
[illegible]—Plasticity
[illegible]—Quantum mechanics
[illegible]—Statistical mechanics
[illegible]—Other (specify)

Nuclei

[illegible]—Nuclear decay and radioactivity
[illegible]—Nuclear reactions and scattering
[illegible]—Nuclear structure and energy levels
[illegible]—Other (specify)

Optics

[illegible]—Colorimetry
[illegible]—Geometric optics
[illegible]—Holography
[illegible]—Lasers
[illegible]—Non-linear optics
[illegible]—Photography
[illegible]—Photometry, radiometry, and illumination
[illegible]—Physical optics
[illegible]—Spectroscopy
[illegible]—Vision
[illegible]—Other (specify)

Physical Chemistry

[illegible]—Catalysis
[illegible]—Chemical and phase equilibria
[illegible]—Chemical kinetics, gas phase and photochemistry
[illegible]—Chemical kinetics, liquid phase
[illegible]—Colloid chemistry
[illegible]—Crystallography
[illegible]—Electrochemistry
[illegible]—Electronic spectroscopy, including far U.V.
[illegible]—Energy transfer and relaxation processes
[illegible]—Equilibrium and thermodynamic relationships
[illegible]—Fast reactions
[illegible]—Flames and explosions
[illegible]—Fused salts
[illegible]—High temperature chemistry
[illegible]—Interfacial chemistry
[illegible]—Ion exchange and membrane phenomena
[illegible]—Liquid state and solutions, electrolytes and non-electrolytes
[illegible]—Molecular spectroscopy
[illegible]—Molecular structure
[illegible]—Nuclear and radiochemistry
[illegible]—Quantum and valence theory
[illegible]—Radiation and hot-atom chemistry
[illegible]—Scattering phenomena
[illegible]—Solid state chemistry
[illegible]—Thermochemistry
[illegible]—Other (specify)

Solid-Earth Geophysics

[illegible]—Exploration, gravity
[illegible]—Exploration, magnetic
[illegible]—Exploration seismology
[illegible]—Geomagnetism and paleomagnetism
[illegible]—Gravity
[illegible]—Heat flow
[illegible]—Physical properties of natural materials
[illegible]—Seismology
[illegible]—Tectonics
[illegible]—Volcanology
[illegible]—Other (specify)

Solids

[illegible]—Acoustic properties
[illegible]—Alloys
[illegible]—Crystal growth
[illegible]—Crystal structure
[illegible]—[illegible] and composites
[illegible]—Dielectrics
[illegible]—Diffusion in solids
[illegible]—Electron states
[illegible]—Electron transport and carrier properties
[illegible]—Imperfections
[illegible]—Interaction of radiation with solids
[illegible]—Lattice mechanics
[illegible]—Luminescence
[illegible]—Magnetic properties
[illegible]—Magnetic resonance
[illegible]—Mechanical properties
[illegible]—Metallic conduction
[illegible]—Mössbauer effect
[illegible]—Non-crystalline states
[illegible]—Optical properties
[illegible]—Semiconductors
[illegible]—Solid state devices
[illegible]—Superconductors
[illegible]—Surfaces, interfaces, films
[illegible]—Thermal properties of solids
[illegible]—Other (specify)

Thermal Physics

[illegible]—High temperature physics
[illegible]—Kinetic theory
[illegible]—Low temperature physics
[illegible]—Phase transitions, changes of state
[illegible]—Statistical mechanics
[illegible]—Thermal measurement techniques
[illegible]—Thermal properties
[illegible]—Thermodynamics
[illegible]—Transport phenomena
[illegible]—Other (specify)

Atmospheric Structure and Dynamics

[illegible]—Aeronomy
[illegible]—Air-sea interaction
[illegible]—Atmospheric chemistry and radioactivity
[illegible]—Atmospheric dynamics, thermodynamics
[illegible]—Atmospheric electricity
[illegible]—Atmospheric optics and acoustics
[illegible]—Aurora, airglow
[illegible]—Cloud and precipitation physics
[illegible]—Cosmic rays
[illegible]—Ionosphere
[illegible]—Mesometeorology
[illegible]—Micrometeorology
[illegible]—Numerical modeling
[illegible]—Planetary atmospheres
[illegible]—Radiative transfer
[illegible]—Turbulence and diffusion
[illegible]—Other (specify)

Solar-Planetary Relationships

[illegible]—Aeronomy
[illegible]—Aurora and airglow
[illegible]—Cosmic rays
[illegible]—Geomagnetic pulsations
[illegible]—Interplanetary particles and fields
[illegible]—Ionosphere
[illegible]—Magnetospheric particles and waves
[illegible]—Solar and planetary physics
[illegible]—Solar wind
[illegible]—Other (specify)

Planetology

[illegible]—Interplanetary matter
[illegible]—Lunar and planetary geology
[illegible]—Lunar and planetary geophysics
[illegible]—Meteorites and tektites
[illegible]—Planetary atmospheres
[illegible]—Planetary magnetic fields
[illegible]—Other (specify)

Additional Astrophysical Specialties

[illegible]—Binary stars
[illegible]—Clusters
[illegible]—Comets, meteors, interplanetary medium
[illegible]—Cosmology
[illegible]—Galaxies
[illegible]—Interstellar medium
[illegible]—Planets and satellites
[illegible]—Quasars, pulsars, X-ray sources
[illegible]—Stellar composition
[illegible]—Stellar evolution
[illegible]—The Sun
[illegible]—Other (specify)

Other Specialties

[illegible]—History of physics or astronomy
[illegible]—Mathematical physics
[illegible]—Philosophy of physics or astronomy
[illegible]—Physics information, dissemination and retrieval
[illegible]—Relativity, gravitation
[illegible]—Teaching of physics or astronomy
[illegible]—Units, constants, standards, conversion factors
[illegible]—Other (specify)

List A
MATHEMATICS

Algebra
6041—Algebraic geometry
6042—Boolean algebra
6043—Category theory
6044—Differential algebra
6045—Fields, rings, algebras
6046—Groups, generalizations
6047—Homological algebra
6048—Lattices
6051—Lie algebras
6052—Linear algebra and matrix theory
6053—Non-associative algebras
6054—Polynomials
6055—Representation theory
6059—Other (specify)

Analysis and Functional Analysis
6061—Algebras of operators
6062—Approximation theory
6063—Banach spaces and algebras
6064—Calculus of variations
6065—Convexity, inequalities
6066—Difference equations, functional equations
6067—Functions of a complex variable
6068—Functions of real variables
6071—Functions of several complex variables
6072—Global analysis
6073—Harmonic analysis
6074—Hilbert spaces
6075—Integral equations
6076—Integral transforms
6077—Measure, integration, area
6078—Operational calculus
6081—Ordinary differential equations
6082—Partial differential equations
6083—Potential theory, subharmonic functions
6084—Series, summability
6085—Special functions
6086—Topological linear spaces and algebras
6087—Trigonometric series and integrals
6089—Other (specify)

Geometry
6091—Affine, projective, non-Euclidean geometries
6092—Convex domains, extremum problems
6093—Differential and Riemannian geometries
6094—Euclidean geometry
6095—Finite geometries
6096—Foundations
6099—Other (specify)

Logic
6101—Applications of logic
6102—Axiomatic set theory
6103—Foundations of mathematics
6104—Intuitionism; other forms of constructivism
6105—Modal logic
6106—Model theory
6107—Proof theory
6108—Recursive functions
6109—Other (specify)

Number Theory
6111—Algebraic number theory
6112—Analytic number theory
6113—Diophantine problems
6114—Elementary number theory
6115—Geometry of numbers
6119—Other (specify)

Numerical Analysis
6121—Algorithm construction
6122—Difference and functional equations
6123—Error analysis
6124—Integral and integro-differential equations
6125—Interpolation, approximation, and curvefitting
6126—Iterative methods
6127—Linear equations, matrices
6129—Numerical differentiation, quadrature
6131—Ordinary differential equations
6132—Partial differential equations
6139—Other (specify)

Operations Research
6141—Activity analysis
6142—Theory of the firm
6143—Queuing
6144—Scheduling
6145—Distribution and transportation
6146—Inventory
6147—Management gaming
6148—Network flow
6151—Dynamic programming
6152—Linear programming
6153—Non-linear programming
6154—Logistics, military
6155—Weapons systems evaluation
6156—System reliability
6157—Control systems
6158—Mathematical economics
6161—Game theory
6169—Other (specify)

Probability
6171—Analytic probability theory
6172—Applications of probability
6173—Foundations of probability
6174—Limit theorems
6175—Stochastic processes, general
6176—Markov processes
6177—Time series
6179—Other (specify)

Topology
6181—Differentiable manifolds
6182—Fiber bundles and spaces
6183—General topology
6184—Homology, cohomology
6185—Homotopy
6186—Piecewise linear topology
6187—Point-set topology
6188—Three dimensional topology
6191—Topological and lie groups
6192—Topological dynamics
6193—Topological manifolds and embedding
6194—Transformation groups
6199—Other (specify)

Other Specialties
6201—Actuarial mathematics
6202—Biomathematics
6203—Biometrics, biostatistics
6204—Combinatorial analysis
6205—Demography
6206—Graph theory
6207—Information theory
6208—Psychometrics
6211—Teaching of mathematics
6212—Vital statistics
6219—Other (specify)

STATISTICS

6341—Analytical statistics (application of diverse methods)
6342—Computing for statistics: instruction, graphing, Monte Carlo
6343—Data analysis: preliminary screening of data, rejection of outliers, use of transformations
6344—Decision procedures and theory, including game theory
6345—Design and analysis of experiments
6346—Distribution-free and non-parametric methods
6347—Distribution theory
6348—Foundations of statistical inference
6351—Multivariate analysis
6352—Sampling techniques; data collection methodology, measurement error research, sampling for surveys
6353—Statistics (in the broad sense)
6354—Stochastic theory and time series analysis
6355—Techniques of statistical inference; estimation, testing, sequential procedures
6359—Other (specify)

COMPUTER SCIENCE

Business Data Processing
8221—Accounting, purchasing, and inventory control
8222—Actuarial computing
8223—Business simulation, management games
8224—Management information systems, forecasting, product planning
8225—Production scheduling and control
8226—Transportation and distribution systems
8229—Other (specify)

Computer Hardware Design
8231—Analog computers
8232—Analog-digital converter and data acquisition systems
8233—Arithmetic and control components
8234—Character recognition systems
8235—Computer reliability and serviceability
8236—Control systems
8237—Data transmission and terminal devices
8238—Hybrid computers
8241—Logical design
8242—Peripheral equipment
8243—Plotters and graphical display devices
8244—Storage devices
8249—Other (specify)

Computer Non-Numerical Processing
8251—Artificial intelligence
8252—Computational linguistics
8253—Graphics
8254—Heuristics
8255—Information retrieval
8256—Learning and adaptive systems
8257—Natural language data processing
8258—Simulation
8261—Symbol manipulation
8269—Other (specify)

Computer Numerical Processing
8271—Analysis of error
8272—Combinatorial problems
8273—Finite difference computation
8274—Integral equations
8275—Matrix computation
8276—Non-linear equations
8277—Numerical integration and quadrature
8278—Ordinary differential equations
8281—Partial differential equations
8282—Probabilistic and statistical computation
8289—Other (specify)

Computing Theory
8291—Algebraic machine theory
8292—Information theory
8295—Programming theory
8296—Theory of formal languages
8299—Other (specify)

Systems Programming and Software: Design and Implementation
8301—Analog computing
8302—Analog-digital conversion and data acquisition systems
8303—Compilers, assemblers, interpreters
8304—Executive routines and monitor systems
8305—Hybrid computing
8306—Input-output and utility routines
8307—Meta-languages and programming language design
8308—Multi-programming
8311—Multi-access terminal systems
8312—Numerical control
8313—On-line computing
8314—Plotting and graphical display systems
8315—Process control
8316—Real-time systems
8317—Simulation of computers
8321—Sorting
8329—Other (specify)

8399—Computer science, other (specify)

List B
Areas of Application for the Fields of Mathematics, Computer Science, and Statistics

1—Acoustics
2—Agricultural sciences
3—Anthropology
4—Astronomy
5—Astrophysics
6—Atmospheric sciences
7—Automata
8—Behavioral sciences
9—Biology
10—Business
11—Chemistry
12—Circuit theory
13—Communications theory
14—Control theory
15—Demography
16—Earth sciences
17—Economics
18—Educational research
19—Elasticity
20—Electromagnetic theory
21—Engineering
22—Fluid mechanics
23—Geophysics
24—Health sciences
25—Humanities
26—Information
27—Law
28—Linguistics
29—Mechanics of particles and systems
30—Medical sciences
31—Operations research
32—Optics
33—Physical sciences
34—Physics
35—Plasticity
36—Political science
37—Psychology
38—Quantum mechanics
39—Real time command and control
40—Sociology
41—Statistical physics
42—Structure of matter
43—Systems analysis
44—Thermodynamics
45—Other (specify)
46—Not applicable

AGRICULTURAL AND BIOLOGICAL SCIENCES

Subfields

6360—Anatomy
5500—Biochemistry
5900—Biophysics
6370—Botany
6380—Ecology
6390—Entomology
5400—Genetics
6410—Immunology
6420—Microbiology

6430—Nutrition
5180—Oceanography
6440—Pathology
6450—Pharmacology
6460—Physiology
6470—Plant Pathology
6480—Virology
6490—Zoology
6500—Agronomy

6510—Animal Husbandry
6520—Fish and Wildlife
6530—Forestry
6540—Range Management
6550—Horticulture
6560—Soil Science
6579—Biology, other (specify)
6589—Biomedical sciences, other (specify)
6599—Agricultural sciences, other (specify)

Biological Levels

11—Multilevel
12—Submolecular
13—Molecular
14—Cell Organelle
21—Cell
22—Tissue
23—Organ
24—Organism
31—Population
32—Community
33—Ecosystem
34—Not applicable

Approaches to Biology

41—Developmental
42—Environmental
43—Genetic
44—Behavioral
51—Morphological
52—Functional
53—Systematic
54—Pathological
61—Evolutionary
62—Historical
63—Philosophical
64—Not applicable

Taxonomic Groups

18—Viruses
  19—Bacteriophage
  22—Animal viruses
  23—Plant viruses

24—Bacteria, Actinomycetes, Mycoplasma
25—Algae
26—Fungi
27—Bryophytes
28—Pteridophytes
29—Gymnosperms
33—Angiosperms
34—Protozoa
35—Porifera

36—Coelenterata
37—Platyhelminthes
38—Nematoda
39—Rotifera
44—Bryozoa
45—Mollusca
46—Annelida
47—Arthropoda
  48—Arachnida
  49—Crustacea
  55—Insecta

56—Echinodermata
57—Tunicata

58—Pisces
59—Amphibia
66—Reptilia
67—Aves

68—Mammalia
  69—Rodents
  77—Carnivores
  78—Ungulates
  79—Non-human primates
  88—Man
99—Other (specify) include genera, if applicable
89—Not applicable

PSYCHOLOGY

Clinical Psychology

6601—Adolescent
6602—Adult
6603—Aged
6604—Behavior disorders
6605—Behavior modification
6606—Behavior therapy
6607—Child
6608—Client-therapist interaction
6611—Family therapy
6612—Group therapy
6613—Individual assessment
6614—Mental deficiency
6615—Projective techniques
6616—Psychoanalysis
6617—Psychopathology
6618—Psychotherapy
6621—Speech pathology
6629—Other (specify)

6630—COMMUNITY PSYCHOLOGY

Counseling Psychology

6641—Assessment
6642—Counseling theory
6643—Educational problems
6644—Family problems
6645—Marriage problems
6646—Personal adjustment
6647—Rehabilitation
6648—Therapy
6651—Vocational problems
6659—Other (specify)

Developmental Psychology

6661—Childhood and adolescence
6662—Cognitive development
6663—Infancy
6664—Maturity and old age
6665—Nursery and pre-school
6666—Socialization
6669—Other (specify)

Educational Psychology

6671—Curriculum development
6672—Educational measurement
6673—Educational technology
6674—School adjustment
6675—School learning
6676—Special education
6677—Student personnel
6678—Teacher personnel
6679—Other (specify)

Engineering Psychology

6681—Equipement design
6682—Human factors
6683—Special environments
6684—Systems analysis
6689—Other (specify)

Experimental, Comparative, and Physiological Psychology

7371—Animal behavior
7372—Animal learning
7373—Auditory processes
7374—Behavioral (psycho) pharmacology
7375—Cognitive functioning
7376—Decision processes and theory
7377—Experimental analysis of behavior
7378—Human intellectual performance
7381—Human learning
7382—Language theory and psycholinguistics
7383—Learning theory
7384—Mathematical psychology
7385—Memory processes
7386—Motivation
7387—Neuropsychology
7388—Operant conditioning
7391—Perceptual processes
7392—Psychophysics
7393—Psychophysiology
7394—Sensory processes
7395—Verbal behavior
7396—Visual processes
7399—Other (specify)

Organization and Personnel Psychology

6701—Accident prevention
6702—Compensation, job evaluation
6703—Consumer behavior
6704—Job analysis, work study
6705—Job training, skill development
6706—Labor-management relations
6707—Management training and development
6708—Marketing and advertising
6711—Morale and attitudes
6712—Organizational behavior
6713—Performance evaluation
6714—Recruitment, selection, and placement
6719—Other (specify)

Personality

6721—Creativity
6722—Development
6723—Individual differences
6724—Personality and body
6725—Personality and cognition
6726—Personality and learning
6727—Personality and perception
6728—Personality theory
6731—Structure and dynamics
6739—Other (specify)

Psychometrics

6741—Computer applications
6742—Experimental design
6743—Factor analysis, related techniques
6744—Mathematical models
6745—Psychological statistics
6746—Survey procedures
6747—Test construction, validation
6748—Test theory, scale analysis
6749—Other (specify)

School Psychology

6751—Behavior problems
6752—Exceptional children
6753—Pupil assessment
6754—Reading problems
6755—School organization
6756—Therapeutic processes
6759—Other (specify)

Social Psychology

6761—Attitudes
6762—Collective behavior, social movements
6763—Culture and personality
6764—Group interaction
6765—Leadership
6766—Political behavior
6767—Public opinion
6768—Role behavior
6771—Social perception
6772—Symbolic communication
6779—Other (specify)

Other Specialties

6781—Forensic psychology
6782—General psychology
6783—History of psychology
6784—Human ecology
6785—Methodology
6786—Military psychology
6787—Philosophy of science
6788—Psychiatry
6791—Public health
6792—Theory and systems
6799—Other (specify)

ANTHROPOLOGY

Archeology/Prehistory

6801—Archeological chronology
6802—Early civilizations
6803—Ecology
6804—Environmental archeology
6805—Field techniques
6806—Historic/Industrial archeology
6807—Laboratory techniques
6808—Museology
6811—Neolithic/Neo-Indian archeology
6812—Paleolithic/Paleo-Indian archeology
6813—Salvage archeology
6814—Settlement archeology
6815—Theory
6816—Underwater archeology
6819—Other (specify)

Biological/Physical Anthropology

7401—Anthropological genetics
7402—Anthropometry
7403—Field techniques
7404—Forensic anthropology
7405—Human paleontology
7406—Laboratory techniques
7407—Medical anthropology
7408—Museology
7411—Nutrition, body composition, constitution
7412—Osteology
7413—Paleopathology
7414—Population biology and ecology
7415—Primate behavior and ethology
7416—Primate somatology
7417—Racial biology and taxonomy
7418—Somatic growth and aging
7421—Theory
7429—Other (specify)

Cultural/Social Anthropology, E[illegible]ology

6841—Acculturation and social change
6842—Art and architecture
6844—Cultural and social evolution
6845—Cultural processes
6846—Culture and personality, psychological anthropology
6847—Culture history and distribution studies
6848—Demography
6851—Ecology
6852—Economics/Subsistence
6853—Education
6854—Ethnic and race relations
6855—Ethnohistory
6856—Ethno-science and cognitive systems
6857—Folklore and literature
6858—Kinship and family systems
6861—Language and culture
6862—Medical anthropology
6863—Music and dance
6864—Peasants/Village studies
6865—Political and legal systems
6866—Primate behavior and ethology
6867—Religion/Ideology
6868—Social structure and organization
6871—Socialization
6872—Technology/Material culture
6873—Theory
6874—Urban studies
6879—Other (specify)

Linguistic Anthropology/Anthropological Linguistics

6881—Animal communication and origin of language
6882—Descriptive/Generative linguistics
6883—Ethno-linguistics
6884—Field techniques
6885—Historical linguistics
6886—Laboratory techniques
6887—Non-verbal communication
6888—Psycho-linguistics
6891—Semantic analysis and lexicography
6892—Socio-linguistics
6893—Theory
6894—Typology/Language universals/Comparative linguistics
6899—Other (specify)

Other Specialties

6901—Applied anthropology
6902—History of anthropology
6903—Library and archive
6904—Photography and cinematography
6909—Other (specify)

ECONOMICS

Agriculture; Natural Resources

6911—Agricultural demand and supply analysis
6912—Agricultural finance
6913—Agricultural marketing
6914—Agricultural policy
6915—Agricultural situation and outlook
6916—Conservation of natural resources
6917—Farm management
6918—Fisheries
6921—Forestry
6922—Land reform
6923—Water resources
6929—Other (specify)

Business Organization; Finance; Marketing; Accounting

6931—Accounting
6932—Business finance
6933—Business investment
6934—Business organization
6935—Insurance
6936—Managerial economics
6937—Marketing
6938—Organization and decision theory
6939—Other (specify)

Economic Growth and Development

6941—Comparative economic development studies
6942—Economic development studies of developed countries
6943—Economic development studies of less developed countries
6944—Economic fluctuations and stabilization
6945—Economic forecasting and forecasting models
6946—Economic growth and development theory
6947—Economic planning theory and policy
6948—Economics of war and defense
6949—Other (specify)

Economic Statistics

6951—Econometric methods
6952—Financial accounts
6953—Input-output
6954—National income accounting
6955—National wealth and balance sheets
6956—Social indicators and accounts
6957—Statistical methods
6959—Other (specify)

General Economics; Theory; History; Systems

6961—Capitalist economic systems
6962—Comparative economic systems
6963—Economic history
6964—Economic methodology
6965—General economics
6966—General equilibrium theory
6967—History of economic thought
6968—Macroeconomic theory
6971—Microeconomic theory
6972—Socialist and communist economic systems
6973—Welfare theory
6979—Other (specify)

Industrial Organization

6981—Economics of transportation
6982—Industrial organization and market structure
6983—Industry studies: construction
6984—Industry studies: distributive trades
6985—Industry studies: extractive industries
6986—Industry studies: manufacturing
6987—Industry studies: services and other
6988—Public enterprises
6991—Public policy towards monopoly and competition
6992—Public utilities and government regulation of the private sector
6993—Technological change: innovation, research, and development
6999—Other (specify)

International Economics

7001—Balance of payments; exchange rates
7002—Commercial policy
7003—Economic integration
7004—International investment and foreign aid
7005—International monetary arrangements
7006—International trade theory
7007—Trade relations
7009—Other (specify)

Manpower; Labor; Population

7011—Labor market studies; wages; employment
7012—Labor mobility; migration
7013—Manpower training and development
7014—Population
7015—Public policy; role of government
7016—Theory of labor markets
7017—Trade unions; collective bargaining; labor-management relations
7019—Other (specify)

Monetary and Fiscal Theory and Institutions

7021—Commercial banking
7022—Financial intermediaries
7023—Financial markets
7024—Fiscal theory and policy
7025—Government expenditures and budgeting
7026—Monetary theory and policy
7027—State and local finance
7028—Taxation
7029—Other (specify)

Welfare Programs; Consumer Economics; Urban and Regional Economics

7031—Consumer economics; levels and standards of living
7032—Economics of education
7033—Economics of health
7034—Economics of poverty
7035—General welfare programs
7036—Housing economics
7037—Regional economics
7038—Social security
7041—Urban economics and public policy
7042—Urban transportation economics
7049—Other (specify)

Other Specialties

7051—Education
7052—Teaching of economics
7059—Other (specify)

LINGUISTICS

Applications to Language Teaching
7061—Language aptitude and proficiency testing
7062—Language laboratories
7063—Linguistics in language-textbook construction
7064—Linguistics in second-language pedagogy
7065—Linguistics in the teaching of native-language skills
7066—Linguistics in the training of language teachers
7067—Use of contrastive structural comparisons
7069—Other (specify)

Descriptive Linguistics
7071—Contrastive analysis
7072—Dialectology
7073—Field methods
7074—Lexicography
7075—Morphology
7076—Phonology
7077—Structural analysis
7078—Structure of specific languages (specify language(s))
7081—Study of writing systems
7082—Syntax
7089—Other (specify)

General Linguistics
7091—Children's language
7092—Language contact
7093—Mathematical models in linguistics
7094—Statistical studies of language
7095—Study of meaning
7096—Theory of grammar
7097—Typology and language universals
7099—Other (specify)

Historical and Comparative Linguistics
7101—Comparison within a particular group of languages (specify group(s))
7102—Etymology
7103—History of specific languages (specify language(s))
7104—Reconstruction, subgrouping, and processes of language change
7109—Other (specify)

Language in Relation to Other Fields
7111—Anthropological linguistics
7112—History of linguistics
7113—Interrelationships of language and other cultural phenomena
7114—Linguistics and literature
7115—Physiology of speech and hearing
7116—Psycholinguistics
7117—Sociology of language
7118—Speech pathology
7119—Other (specify)

Language Policies
7121—Language standardization
7122—Problems of linguistic minorities
7123—Translation of technical terminology
7129—Other (specify)

Literacy and Writing Systems
7131—Devising of writing systems
7132—Materials for new literates
7133—Teaching of literacy
7139—Other (specify)

Mechanized Applications
7141—Automated linguistic analysis
7142—Linguistic problems of machine translation
7149—Other (specify)

Phonetics
7151—Acoustic phonetics
7152—Articulatory and instrumental phonetics
7159—Other (specify)

Other Specialties
7161—Education
7162—Information retrieval
7163—Methodology of second language teaching
7164—Philosophy
7165—Speech
7166—Teaching of linguistics
7167—Translation
7169—Other (specify)

POLITICAL SCIENCE

Foreign and Cross-National Political Institutions and Behavior
7171—Analysis of particular systems or subsystems
7172—Decision-making processes
7173—Elites and their oppositions
7174—Mass participation and communications
7175—Parties, mass movements, secondary associations
7176—Political development and modernization
7177—Politics of planning
7178—Values, ideologies, belief systems, political culture
7179—Other (specify)

International Law, Organization, and Politics
7181—International law
7182—International organization and administration
7183—International politics
7189—Other (specify)

Methodology
7191—Computer techniques
7192—Content analysis
7193—Epistemology and philosophy of science
7194—Experimental design
7195—Field data collection
7196—Measurement and index construction
7197—Model building
7198—Statistical analysis
7201—Survey design and analysis
7209—Other (specify)

Political Stability, Instability, and Change
7211—Cultural modification and diffusion
7212—Personality and motivation
7213—Political leadership and recruitment
7214—Political socialization
7215—Revolution and violence
7216—Social and economic stratification
7219—Other (specify)

Political Theory
7221—Empirical theory
7222—Formal theory including game theory
7223—History of theory
7224—Normative theory
7229—Other (specify)

Public Policy: Formation and Impacts
7231—Domestic
7232—Foreign
7233—Military and national security
7239—Other (specify)

Public Administration
7241—Bureaucracy
7242—Comparative administration
7243—Organization and management analysis
7244—Organization theory and behavior
7245—Personnel administration
7246—Planning, programming, budgeting
7247—Politics and administration
7248—Systems analysis
7249—Other (specify)

U. S. Political Institutions, Processes, and Behavior
7251—Courts and judicial behavior
7252—Elections and voting behavior
7253—Executives
7254—Interest groups
7255—Intergovernmental relations
7256—Legislatures
7257—Political and constitutional history
7258—Political parties
7261—Public law
7262—Public opinion
7263—State, local, and metropolitan government
7269—Other (specify)

7279—Political science, other (specify)

SOCIOLOGY

Demography and Population
7281—Fertility
7282—Labor force
7283—Migration
7284—Mortality
7285—Population characteristics
7286—Population trends
7289—Other (specify)

Methodology
7291—Computer techniques
7292—Experimental sociology
7293—Field data collection
7294—Measurement and index construction
7295—Model building
7296—Mathematical sociology
7297—Social survey design and methods
7298—Statistical analysis
7299—Other (specify)

Rural-Urban Sociology
7301—Community studies
7302—Human ecology
7303—Rural sociology
7304—Urban sociology
7309—Other (specify)

Social Change and Development
7311—Invention and innovation
7312—Social control
7313—Social process
7314—Social mobility
7315—Socio-economic development
7316—Socio-political change
7319—Other (specify)

Social Organization, Structure, and Institutions
7321—Bureaucracy
7322—Educational
7323—Family
7324—Industrial
7325—Intergroup, including race and ethnic
7326—Legal, political
7327—Leisure and the arts
7328—Medical
7331—Occupational
7332—Religious
7333—Scientific
7334—Stratification
7339—Other (specify)

Social Problems, Social Disorganization
7341—Criminology
7342—Deviance
7343—Poverty and dependence
7344—Social conflict and accommodation
7349—Other (specify)

Social Psychology
6761—Attitudes
6762—Collective behavior, social movements
6763—Culture and personality
6764—Group interaction
6765—Leadership
6766—Political behavior
6767—Public opinion
6768—Role behavior
6771—Social perception
6772—Symbolic communication
6779—Other (specify)

Socio-Cultural Theory
7351—General theory
7352—History of social thought
7353—Symbolic interactionism
7359—Other (specify)

7369—Sociology, other (specify)

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U.S. GOVERNMENT PRINTING OFFICE : [illegible] O—457-520

National Science Foundation
Washington, D.C. 20550

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Postage and Fees Paid